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Type material of Asilidae (Diptera) described by Jason Londt in the Natural History Museum, London

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Abstract

The primary and secondary types as well as some non-type material donated by Jason Londt (and various collaborators) to the Natural History Museum, London (NHMUK) have been examined and databased which comprises 35 holotypes, 293 paratypes, and 18 non-types (added for completeness), a total of 328 type specimens from 103 species (6% of the total Afro-tropical fauna). All specimen labels were imaged, both frontal and reverse sides, alongside the specimen. Notes were made of any dissections or damage to the specimens. Additional notes were made of any differences between the labels from the species descriptions and the actual specimens.

Keywords

Asilidae, Jason Londt, London, Natural History Museum, Primary types, Secondary types, UK

Introduction

Asilidae are one of the larger families of Diptera with over 7,500 (Pape et al. 2011) species described to date. The Afrotropical fauna is particularly rich with 1700 species and 148 genera, representing 22% and 27% respectively of the world fauna (Dikow 2021). Since 1977 Jason Londt has described 583 species and 46 genera of Asilidae from the Afrotropics to date, a staggering 29% of species and 30% of the genera from this region. Although the majority of Londt' s specimens in the Natural History Mu-

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seum, London (NHM) are described from South Africa, he also describes new species from elsewhere in Africa as well as from Asia (Fig. 1).

Londt began designating NHM specimens as types since 1977, with the most recent in 2021 (Londt 1977, 1980, 1981a, b, 1982, 1985a, b, c, 1986a, b, 1989, 1992, 1993, 1994, 1997, 2004, 2005, 2006a, b, 2007, 2008, 2009, 2010, 2011, 2014 and 2019; Londt and Tsacas 1987; Londt and Dikow 2018) and during this period he has also donated both type and non-type material to maintain the comprehensiveness of the collection. All Londt type material has now been imaged and databased, thus providing free and open access to the data through the NHM Data Portal (https://data.nhm.ac.uk). Specimens donated to the NHM by Londt have mostly been recorded in accession registers from which the data have now been migrated to the museum's collections database and therefore can be more easily located. The Diptera Collection at the NHM has the Londt type material (primary, secondary or both) for 328 specimens from 103 of these taxa as well as non-type material for at least 11 more (not all non-type material was examined and databased). There are 35 holotypes (HT) and 293 paratypes (PT). A final complete check of the Diptera collection was conducted to ensure that no specimens were missed and had not been entered into the system. Thirteen type specimens that had been deposited in the collection but had either sat under a manuscript name that had been subsequently published or had not been entered onto the collections management, now were fully incorporated.

Barcoding and overview (specimen and labels) imaging were undertaken from the methodology of Blagoderov et al. (2017), with Canon EOS 5DSr cameras and either Tamron 90 mm or Canon 100 mm lenses being used with Canon EOS Utility for all dorsal habitus images that show specimen labels (Fig. 2). Two images following this method allowed all labels, bar the added unique identifier (UID), encoded with human and machine readable (DataMatrix barcode), to be turned over to show whether any data was present on the reverse.

Separate dorsal habitus, lateral habitus and anterior head images were taken via Canon EOS 5DSr with either Canon 100 mm or Canon MP-E 65 mm (1–5× macro lens),

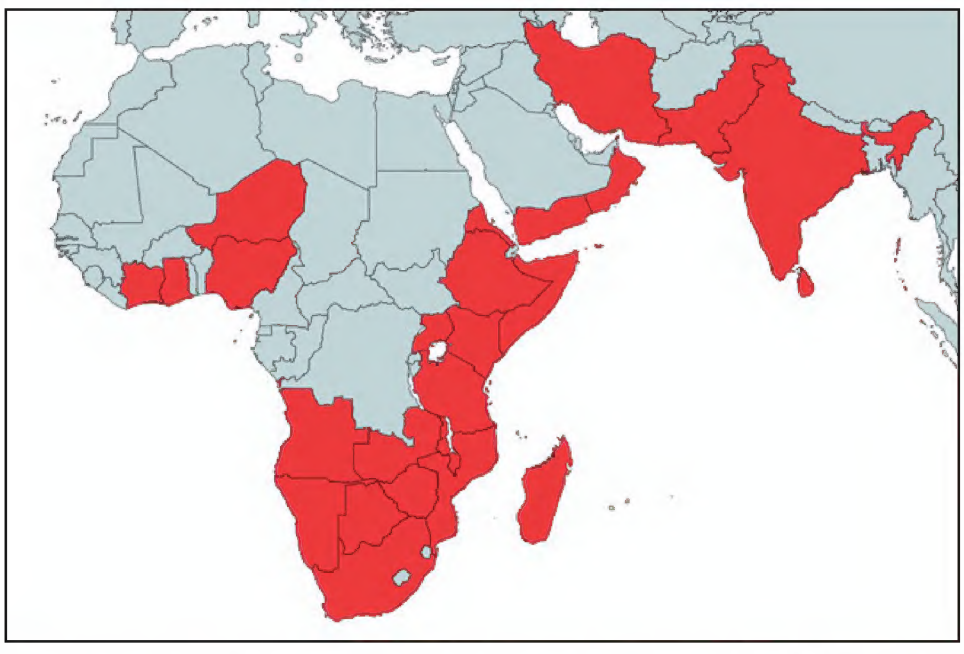

Figure 1. Countries from which J. Londt described new species based on NHMUK material.

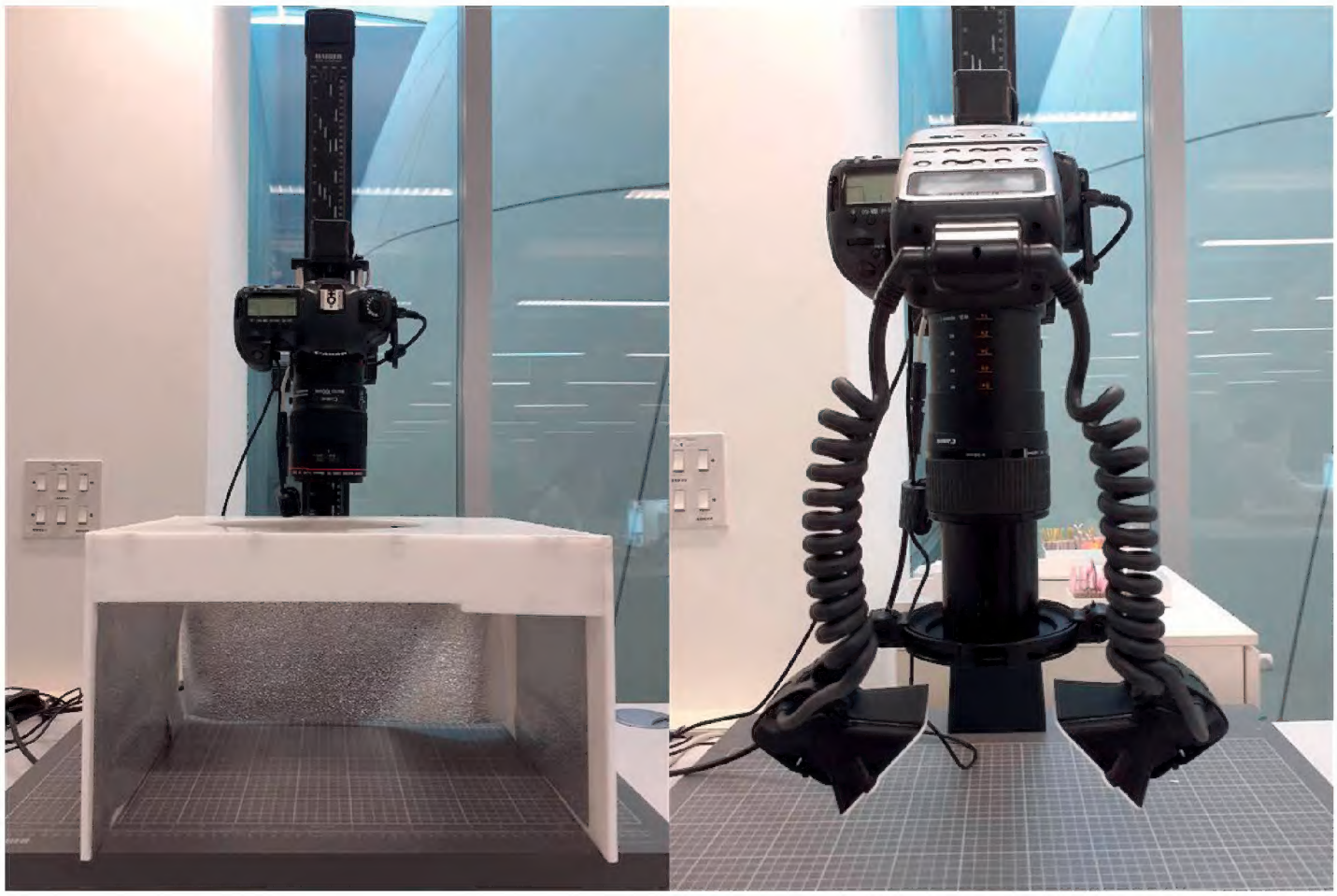

Figure 2. Imaging setup used for (left) overview and (right) stacked specimen photography.

also equipped with Canon MT-24EX twin head flash, and attached to a Cognisys StackShot Macro set up on a Kaiser RS1 copy stand to allow for stacked photography. Images were captured in Helicon Remote (ver.3.9.12) and processed in Helicon Focus (ver.8.1.1; Method c: "pyramid", smoothing = 4) to provide uncompressed TIFF images. Scale bars were applied via Image J (ver. 1.53 q). Specimen records and associated images are available on the NHM data portal (https://data.nhm.ac.uk/).

Institutional Abbreviations and historic names of Museums in the publication are as follows:

NHM	Natural History Museum, London, UK;
NHMUK	Natural History Museum, London, UK (applied to specimen numbers);
BMNH, BMNHE & BMNH(E)	Natural History Museum, London, UK (applied to accession numbers);
SAM	Iziko South African Museum, South Africa;
NMSA	KwaZulu-Natal Museum, South Africa;
Rhodesia Museum	Natural History Museum of Zimbabwe.

Specimen information

Label information taken from the specimens, and any discrepancies with the published information is highlighted. Lines broken in the text at the same label are indicated

by "/"; separate labels with the same specimen are indicated by ","; information on the back of the labels are indicated by "~". All labels given. Information in quotation marks was added in the publication.

Stenopogoninae

Ancylorhynchus doryphorus Londt, 2011: 486. HT **Tanzania** 'Tanganyika/Mahali/Aug-Sept. 1959/2nd. Oxford U. Exped./B.M.1960-279.', 'HOLOTYPE/*Ancylorhynchus/doryphorus* sp.n./Det JGHLondt', 'BMNH(E) #950423' – ♂ NHMUK014034817 (Fig. 3). Male terminalia in vial. In his description Londt also provides additional collection data: "Mountains, 06°12'S:29°50'E".

Ancylorhynchus feijeni Londt 2011, 488. 1 PT ♂ **South Africa** 'Transvaal:/Pretoria. 28.iii.1914./Miss J. Brinker./1914-277.', 'PARATYPE/*Ancylorhynchus/feijeni* sp.n./Det JGHLondt', 'BMNH(E) #950383' – ♂ NHMUK014034818. In his description Londt also provides the latitude and longitude: "25°44'S:28°11'E".

Ancylorhynchus greatheadi Londt, 2011: 498. HT & 10 PT **Eritrea** HT 'Eritrea:/Salamona/30.iv.1961/ D.J. Greathead', 'HOLOTYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950395' – ♂ NHMUK014034819 (Fig. 4); 2PT 'Eritrea:/Salamona/30.iv.1961/D.J. Greathead', 'PARATYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950386' or 'BMNH(E) #950387'– ♂ NHMUK014034820 (Male terminalia in vial) & ♀ NHMUK014034821; 2 PT 'Eritrea:/Salamona/9–10.iv.1961/D.J. Greathead', 'PARATYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950388' or 'BMNH(E) #950394' – ♀ NHMUK014034822 & ♀ NHMUK014034823, respectively; 1 PT 'Eritrea:/Salamona/29.iv.1961/D.J. Greathead', 'PARATYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950392' – ♀ NHMUK014034825, in his description Londt also provides the latitude and longitude for Salamona: "15°39'N:39°01'E"; 1 PT 'Eritrea/nr/Gogni /17.ix.1960/D.J. Greathead', 'PARATYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950391' – ♀ NHMUK014034824 – abdomen in vial; 2 PT 'Eritrea:/Waddi/Damas/14.iii.1956/D.J. Greathead', 'PARATYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950385' or 'BMNH(E) #950393' – ♂ NHMUK014034826 & ♂ NHMUK014034829, respectively; 2 PT 'Eritrea:/Barentu/Dist./18.ix.1960/D.J. Greathead', 'PARATYPE/*Ancylorhynchus/greatgeadi* sp.n./Det JGHLondt', 'BMNH(E) #950389' or 'BMNH(E) #950390' – ♂ NHMUK014034827 & ♂ NHMUK014034828, respectively. Londt also provides location information for the Barentu specimens: "15°07'N:37°36'E".

Ancylorhynchus similis Londt, 2011: 518. HT **Ghana** 'Gold Coast/Accra./22.vi.1941./K.M. Guichard/B.M. 1945–39', 'HOLOTYPE/*Ancylorhynchus/similis* sp.n./Det JGHLondt', 'BMNH(E) #950396' – ♂ NHMUK014034830. Dissected male terminalia preserved in vial. In his description Londt also provides the latitude and longitude: "05°33N:00°13'W".

Ancylorhynchus simpsoni Londt, 2011: 520. HT **Nigeria** 'Pres by/Imp. Bur. Ent./Brit Mus./1923–58', 'Zungeru /N. Nigeria/1.xi.1910/J.J. Simpson', '*Ancylorhynchus* /

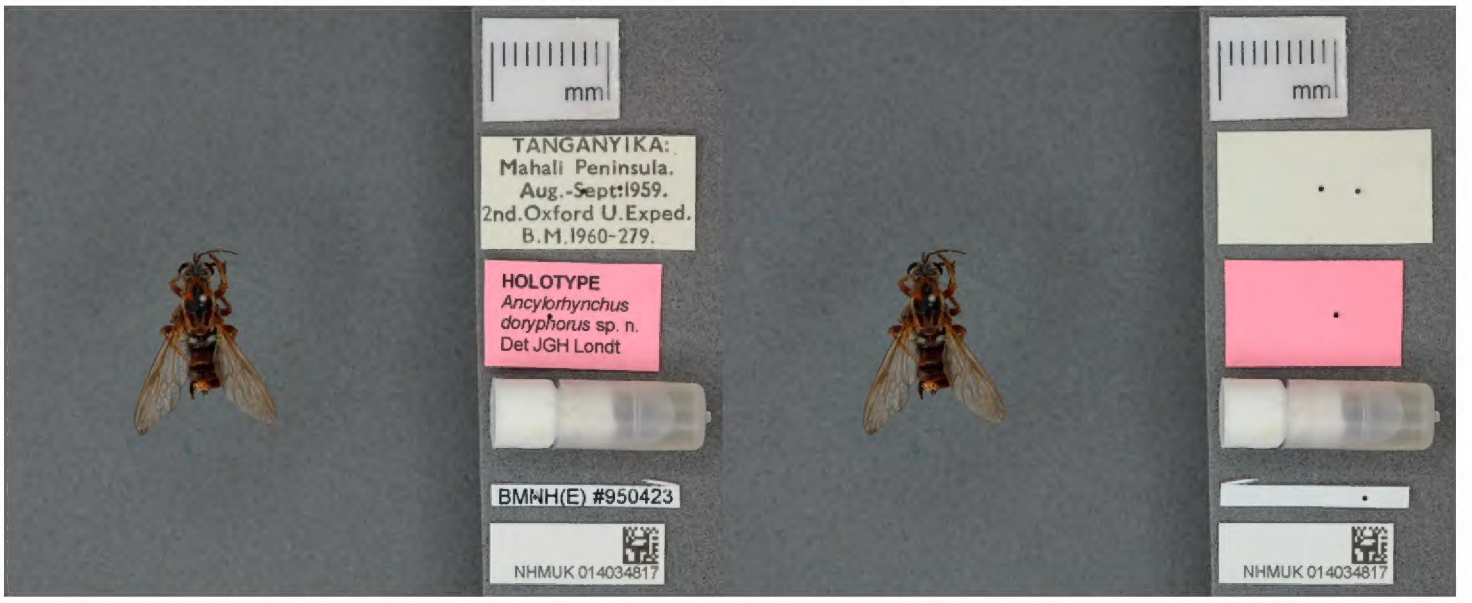

Figure 3. Whole specimens and labels for *Ancylorhynchus doryphorus* holotype NHMUK014034817.

Figure 4. Whole lateral image of *Ancylorhynchus greatheadi* holotype NHMUK014034819.

nomada Wies./ ♂ ', 'This agrees with/the description of/Dasyp – nomada Wd/det. H.Oldroyd 196', 'HOLOTYPE/*Ancylorhynchus/simpsoni* sp.n./Det JGHLondt', 'BMNH(E) #950397' – ♂ NHMUK014034831. Male terminalia in vial.

Ancylorhynchus snowi Londt, 2011: 521. 2 non-types **Niger** 'Niger/Niamey 200m/11.x.1976/K. Guichard/BM 1976-583', '*Ancylorhynchus/?snowi* Londt/ Det JGHLondt/Sp.n. – 2010', 'BMNH(E) #950378' or 'BMNH(E) #950379' – ♀ NHMUK014034832 & ♀ NHMUK014034833, respectively. In his description Londt added the latitude and longitude - to replace in Londt (2011) extra location

information is given extra location information is given: "14°00'N:01°43'E". Although these specimens were mentioned in this paper, they were not included in the type series, and are added here for completeness.

Ancylorhynchus sokokensis Londt, 2011: 522. HT & 1 PT **Kenya** 'Sokoke For K/8 May 76 IB', 'HOLOTYPE/*Ancylorhynchus/similis* sp.n./Det JGHLondt', 'BMNH(E) #950425' – ♂ NHMUK014034835 (Male terminalia in vial); same as HT except 'PARATYPE/*Ancylorhynchus/similis* sp.n./Det JGHLondt', 'BMNH(E) #950424' – ♀ NHMUK014034834. In his description Londt provides additional locality data: "Forest, 03°29'S:39°50'E".

Corymyia melas Londt, 1994: 80. 1 PT **South Africa** 'Sth Africa: Cape Prov/12 km W Soutfontein./3017DA 4.ix.1981/J. Londt, L. Schoeman/and B. Stuckenberg./ Succulent Karoo', '**PARATYPE**/Corymyia ♂/melas sp.n./J. G. H. Londt', 'BM 1994E/39' – ♂ NHMUK014034891. Specimen donated by Londt to the NHM.

Connomyia annae Londt, 1993: 109. 2 PT **malawi** 'Malawi SE1435Ac/35 km N of Mangochi/10 km N Club Makokola/10–11.iii.1987 Sandy/grassveld J & A Londt', '**PARATYPE**/Connomyia/annae sp.n./J. G. H. Londt' – ♀ NHMUK014034883 & ♂ NHMUK014034884 (Fig. 5). Specimens donated by Londt to the NHM.

Connomyia argyropodos Londt, 1993: 110. 1 PT **Namibia** 'NAMIBIA 21.iii.1984/15 km NE Grootfontein/ J Scribante Skietbaan/Rd8/2 19 28'S:18 15'E/Stuckenberg & Londt/Grassy road verges', '**PARATYPE**/Connomyia/argypopodus sp.n./J. G. H. Londt' – ♂ NHMUK014034885. Label information and order differs slightly to publication. Name spelt incorrectly on paratype label. Specimen donated by Londt to the NHM.

Connomyia briani Londt, 1993: 115. 1 PT **Namibia** 'Namibia 19.iii.1984/Omuramba Omatako Riv./Near Osire. Road 57/21 05'S:17 15'E/Londt & Stuckenberg/Grassy road verge', '**PARATYPE**/Connomyia/briani sp.n./J. G. H. Londt' – ♀ NHMUK014034886. Specimen donated by Londt to the NHM.

Connomyia callima Londt, 1993: 116. 2 PT **Namibia** 'NAMIBIA 18.iv.1983/5 km S Windhoek, 2217CA/JL & Stuckenberg/Mixed thornveld', '**PARATYPE**/Connomyia/callima sp.n./J. G. H. Londt' – ♂ NHMUK014034887 & ♀ NHMUK014034888. Order on label different to publication. Specimens donated by Londt to the NHM.

Connomyia oropegia Londt, 1993: 123. 2 PT **South Africa** 'S Africa: OFS #6/36 km E Bultfontein/28 23'S:26 29'E 1350m/Date: 11 .iii.1991/Whittington & Londt/ nr. Vet River Branch', '**PARATYPE**/Connomyia/oropegia sp.n./J. G. H. Londt' – ♂ NHMUK014034889 & ♀ NHMUK014034890 (Fig. 6). Specimens donated by Londt to the NHM.

Danomyia forchhammeri Londt, 1993: 138. 2 PT **Botswana** 'Botswana SE2226BD/ Farmers Brigade 5km/SE of Serowe Hillside/N slope P.Forchhammer/malaise trap 2/vi 86', '**PARATYPE**/Danomyia/forchhammeri sp.n./J. G. H. Londt' – ♀ NHMUK014034892 (Fig. 7) & ♂ NHMUK014034893. From different malaise trap sample to that of the holotype.

Figure 5. Whole lateral image of *Connomyia annae* paratype NHMUK014034884.

Figure 6. Whole lateral image of *Connomyia oropegia* paratype NHMUK014034890.

Figure 7. Whole lateral image of *Danomyia forchhammeri* paratype NHMUK014034892.

Danomyia habra Londt, 1993: 140. 2 PT **South Africa** 'S Africa: Cape #35/23 km N of Middelpos/31°44'S:20°14'E 1170m/Date: 29.xi.1990/Whittington & Londt/ at Kookfontein River', '**PARATYPE**S/Danomyia/habra sp.n./J. G. H. Londt' – ♂ NHMUK014034894 & ♀ NHMUK014034895. Label order differs, and altitude omitted from publication. These two specimens are pinned together. Specimens donated by Londt to the NHM.

Danomyia pachyphallus Londt, 1993: 142. 2 PT **Botswana** 'Botswana SE2226BD/ Serowe. Farmers/Brigade. Malaise/trap Forchhammer./viii.89', '**PARATYPE**/ Danomyia/pachyphallus sp.n./J. G. H. Londt' – ♂ NHMUK014034896 (Fig. 8) & ♀ NHMUK014034897.

Danomyia sathos Londt, 1993: 143. 2 PT **Botswana** 'Botswana SE2226BD/Farmers Brigade/ca. 6 km SE of Serowe/P. Forchhammer 1300m/A. tortilis woodland/Malaise trap 3./11.ix.84/Forestry Nursery', '**PARATYPE**/Danomyia/sathos sp.n./J. G. H. Londt – ♀ NHMUK014034898 & ♂ NHMUK014034899. Extra information on the label not stated in publication.

Danomyia tanaos Londt, 1993: 145. 2 PT **Botswana** 'Botswana/ Serowe/MT 6.x.87', '**PARATYPE**/Danomyia/tanaos sp.n./J. G. H. Londt' – ♂ NHMUK014034900 & ♀ NHMUK014034901.

Gonioscelis amnoni Londt, 2004: 32. 2PT **Tanzania** 1 PT 'Tanganyika:/Rukwa Valley./28.v.1948/Z. Waloff', 'Pres. BY/ Anti-Locust/Res. Centre./B.M.1948-457', '**PARATYPE**/*Gonioscelis/amnoni*/Det. JGH Londt' – ♂ NHMUK014034927;

Figure 8. Whole lateral image of *Danomyia pachyphallus* paratype NHMUK014034896.

1 PT 'Tanganyika:/Old Shinyanga. /28.v.53/E. Burtt/Block 11', 'COM.INST. ENT./COLL. NO. 13444', '**PARATYPE**/*Gonioscelis/amnoni*/Det. JGH Londt' – ♂ NHMUK014034928. In his description Londt also provides the latitude and longitude: "08°00'S 32°00'E".

Gonioscelis batyleon Londt, 2004: 33. HT & 1 PT **Kenya** HT ' Meneghetti/2-1943/ Nairobi', 'Pres. by/Coryndon Mus./B.M. 1961-696' '**HOLOTYPE**/*Gonioscelis/ batyleon*/Det. JGH Londt' – ♂ NHMUK014034925 (Fig. 9) (with dissected male terminalia preserved in vial); 1 PT same as HT except '**PARATYPE**/*Gonioscelis/ batyleon*/Det. JGH Londt' – ♂ NHMUK014034926. In his description Londt also provides the latitude and longitude: "01°17'S 36°49'E".

Gonioscelis bykanistes Londt, 2004: 34. 23 PT **South Africa** 9 PT 'S.W. Africa (W36)/Otjikoko Slid Fm.,/33 mls. ENE./Omaruru/10–13.ii.1972', 'Southern/ African Exp./B.M. 1972-1', '**PARATYPE**/*Gonioscelis/bykanistes*/Det. JGH Londt' – ♂ NHMUK014034920, ♂ NHMUK014034921, ♀ NHMUK014034915, ♀ NHMUK014034916, ♀ NHMUK014034917, ♀ NHMUK014034918, ♀ NHMUK014034922, ♀ NHMUK014034923 & ♀ NHMUK014034924. In his description Londt also provides the latitude and longitude: "21°26'S 15°56'E"; 1 PT 'S.W. Africa (W30)/Ameib Farm/19 mis. NW. Karibib/31.i.–2.ii. 1972', 'Southern/African Exp./B.M. 1972-1', '**PARATYPE**/*Gonioscelis/bykanistes*/Det. JGH Londt' – ♀ NHMUK014034919. In his description Londt also provides the latitude and longitude: "21°56'S 15°50'E"; **Namibia** 5 PT 'S.W. Africa (W34)/Regenstein,

Figure 9. Lateral view of *Gonioscelis batyleon* holotype – NHMUK014034925.

15 mls.,/SSW. Windhoek,/8.ii. 1972', 'Southern/African Exp./B.M. 1972-1', '**PARATYPE**/*Gonioscelis/bykanistes*/Det. JGH Londt' – ♂ NHMUK014034910, ♂ NHMUK014034911, ♀ NHMUK014034909, ♀ NHMUK014034912 & ♀ NHMUK014034913. In his description Londt provides the latitude and longitude: "22°35'S 17°05'E"; 8 PT 'S.W. Africa (W34)/Regenstein, 15 mls.,/SSW. Windhoek,/7.ii. 1972', 'Southern/African Exp./B.M. 1972-1', '**PARATYPE**/*Gonioscelis/bykanistes*/Det. JGH Londt' – ♂ NHMUK014034902, ♂ NHMUK014034905, ♂ NHMUK014034906, ♂ NHMUK014034907 & ♂ NHMUK014034908, ♀ NHMUK014034903, ♀ NHMUK014034904 & ♀ NHMUK014034914. Specimens NHMUK014034902 & NHMUK014034903 are pinned together on the same mount.

Gonioscelis hadrocantha Londt, 2004: 48. HT & 2 PT **Angola** 'Angola (A42)/Roçadas /30.iii.1972', 'Southern/African Exp./B.M. 1972-1', '**HOLOTYPE**/*Gonioscelis/hadrocantha*/Det. JGH Londt' – ♂ NHMUK014034929; 2 PT same as HT except "**PARATYPE**/*Gonioscelis/hadrocantha*/Det. JGH Londt' – ♂ NHMUK014034930 (with dissected male terminalia preserved in vial) & ♀ NHMUK014034931.

Gonioscelis whittingtoni Londt, 2004: 98. 2 PT **Malawi** 1'Pres. by/Imp. Bur. Ent./ Brit. Mus./1925-122', 'Nyasaland,/Lingadzi,/nr. Domira Bay./1700 ft. 28.1.1915/ Dr. W.A. Lamborn', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034936; 'Pres. by/Imp. Bur. Ent./ Brit. Mus. /1925-122', 'Nyasaland,/Lingadzi,/ nr. Domira Bay./1700 ft. 30.1.1915/Dr. W.A. Lamborn', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034937.

All of the following material is identified and labelled as Paratypes in the NHM by Londt but in the manuscript they are not designated thus. The authors have included them in this publication for completeness; **Eritrea** 1 'Eritrea:/Jebel/Geddem/16.xii.1955 /D.J. Greathead', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♀ NHMUK014034932; 1 Eritrea:/Mareb/Bridge /12.x.1960/D.J. Greathead', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♀ NHMUK014034933; 1 'Eritrea:/Hamasien/31.x.1958/D.J. Greathead', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034934; 1 Eritrea:/Ailet/(taken with prey) /7.i.1956/D.J. Greathead', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034935; **Ghana** 1 'Gold Coast/Tamala /24.xi.51/B210-51/J. Bowden', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034938; **Zambia** 1 'Northern Rhodesia/Broken Hill /1.1.12./F.V. Bruce Miller./1913-199', 3', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034939; **Zimbabwe** 1 'S. Rhodesia:/Bindura./i.1929./H.S. Leeson./ B.M. 1929-466', 'Bindura/S Rhodesia/HS Leeson 1:1929', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034940; **Unknown**: 2 'Zambesia', 'Bought/A. Ford', 'C.J. Wainwright/Collection./B.M. 1948-488', 'PARATYPE/*Gonioscelis/whittingtoni*/Det. JGH Londt' – ♂ NHMUK014034941 & ♂ NHMUK014034942.

Oligopogon argolagon Londt, 2014: 280. 4 PT **South Africa** 2 PT 'Delagoa Bay./8.11.1935', 'S Africa:/R.E. Turner/B.M. 1935-73', 'BMNHE)/#1030002' or 'BMNH(E)/#1030003', 'PARATYPE/ *Oligopogon/argolagon* sp.n/J.G.H. Londt' – ♂ NHMUK014035045 & ♂ NHMUK014035048, respectively; 1 PT 'Aliwal North/Cape Province/Dec. 1922', 'S. Africa/R.E. Turner/Brit. Mus./1923-45', 'BMNH E)/#1029998', 'PARATYPE/ *Oligopogon/argolagon* sp.n/J.G.H. Londt' – ♂ NHMUK014035046; 1 PT 'South Africa/C.P. Kenton-on-sea/2.i.1972/D.J. Greathead', 'BMNH(E)/# 1029989', 'PARATYPE/*Oligopogon/argolagon* sp.n/J.G.H. Londt' – ♂ NHMUK014035047. In his description Londt also provides latitude and longitude for Aliwal North and Kenton-on-Sea: "30°42'S 26°42'E, 33°42'S 26°41'E" respectively and adds that Delagoa Bay refers to Algoa Bay in Port Elizabeth (Gqeberha): "33°58'S 25°35'E".

Oligopogon hemistego Londt, 2014: 289. HT & 17 PT **Angola** HT 'Angola (A17)/15mls. N. Sa/de Bandeira,/c. 6500 ft./3.iii.1972', 'Southern/African Exp./B.M.1972-1', 'HOLOTYPE/*Oligopogon/hemistego* sp.n/J.G.H. Londt' 'BMNH(E/) 1237778' – ♂ NHMUK014035049; 17 PT same as HT except 'PARATYPE/*Oligopogon/hemistego* sp.n/J.G.H. Londt' and 'BMNH(E)/1237779' – ♂ NHMUK014035050; 'BMNH(E)/1237780' – ♂ NHMUK014035051; 'BMNH(E)/1237781' – ♂ NHMUK014035052; 'BMNH(E)/1237783' – ♂ NHMUK014035053 (abdomen in vial); 'BMNH(E)/1237784' – ♂ NHMUK014035054; 'BMNH(E)/1237790' – ♂ NHMUK014035055; 'BMNH(E)/1237782' – ♀ NHMUK014035056; 'BMNH(E)/1237785' – ♀ NHMUK014035057; 'BMNH(E)/1237786' – ♀ NHMUK014035058; 'BMNH(E)/1237787' – ♀ NHMUK014035059; 'BMNH(E)/1237788' – ♀ NHMUK014035060; 'BMNH(E)/1237789' – ♀ NHMUK014035061; 'BMNH(E)/1237791' – ♀ NHMUK014035062;

'BMNH(E)/1237792' – ♀ NHMUK014035063; 'BMNH(E)/1237793' – ♀ NHMUK014035064; 'BMNH(E)/1237794' – ♀ NHMUK014035065; 'BMNH(E)/1237795' – ♀ NHMUK014035066, respectively.

Oligopogon napaios Londt, 2014: 296. 1 PT **South Africa** 'SOUTH AFRICA 232BD/Transvaal 2–4km S of/Bandelierkop 27.I.78/JGH. Londt Bushveld', 'PARATYPE/ *Oligopogon/napaios* sp.n/J.G.H. Londt', 'NMSA – DIP 74895', 'BMNH(E)/#1030074', 'BMNH(E) 2014 -68/JGH Londt 2014 – ♀ NHMUK014034811.

Oligopogon platypteron Londt, 2014: 303. 2 PT **Kenya** 1 PT 'KENYA Rt. A109/50 km SE Nairobi/30.iv.1991/A. Freidberg/& Fini Kaplan', 'BMNH(E) 2014 -68/JGH Londt 2014', 'PARATYPE/ *Oligopogon/platypteron* sp.n/J.G.H. Londt', 'BMNH(E)/#1030067' – ♂ NHMUK014034812; 1 PT same as the male except 'BMNH(E)/#1030077' – ♀ NHMUK014034813.

Oligopogon torsteni Londt, 2014: 308. 1 PT **South Africa** 'SOUTH AFRICA 2429AC/ Transvaal 10 km SE/Potgietersrus on rd/to Zebediela 24–7.i./1978 J.G.H. Londt/ Bushveld', 'Oligopogon/? penicillatus Loew/Det. J.G.H. Londt', 'PARATYPE/ *Oligopogon/torsteni* sp.n/J.G.H. Londt' 'BMNH(E) 2014-68/JGH Londt 2014', 'BMNH(E)/#1030075' – ♀ NHMUK014034814.

Oligopogon trichopteron Londt, 2014: 309. 1 PT **South Africa** 'SOUTH AFRICA/ TVL PROVINCE./PRETORIA/15.xi.1959/D.J. Greathead.', 'Oligopogon/ penicillatus Loew/det J.E. Chainey 1983', 'BMNH(E)/#1029993', '***PARATYPE***/ *Oligopogon/trichopteron* sp.n/J.G.H. Londt' – ♀ NHMUK014035044. In his description Londt also provides latitude and longitude: "25°44'S 28°11'E".

Oligopogon zulu Londt, 2014: 311. 2 PT **South Africa** 1 PT 'South Africa, Natal Prov/Zululand; 20 mi. S. Ndumu/Game Res. Camp (2732Aa)/Nov. 29, 1971; ME&BJ Irwin/dry scrub forest; 320 ft', 'NMSA – Dip. 06464', 'PARATYPE/ *Oligopogon/zulu* sp.n/J.G.H. Londt' 'BMNH(E)/#1030069', 'BMNH(E) 2014-68' – ♂ NHMUK014034815; 1 PT 'South Africa, Natal Prov/Zululand; 20 mi. S. Ndumu/Game Res. Camp (2732Aa)/Nov. 29, 1971; ME&BJ Irwin/ dry scrub forest; 320 ft', 'PARATYPE/ *Oligopogon/zulu* sp.n/J.G.H. Londt', 'BMNH(E)/#1030072', 'BMNH(E) 2014-68' – ♀ NHMUK014034816. Ndumu is now called Ndumo.

Ontomyia ricardoi (Londt, 1985a: 69) – originally *Oratostylum ricardoi*. 4 PT **Namibia** 1 PT 'PARA-/TYPE', 'NAMIBIA 28.iii.1984/43km NW Usakos. Road/1930. Spitzkop area./21 59'S: 15 21'E/Stuckenberg & Londt/Acacias, rocky area.', 'PARATYPE ♂/Oratostylum/ricardoi sp.n/J.G.H. LONDT' – ♂ NHMUK014034947; 1 PT same except 'PARATYPE ♀/Oratostylum/ricardoi sp.n/J.G.H. LONDT' – ♀ NHMUK014034946; 2 PT 'NAMIBIA 28.iii.1984/40km NW Usakos. Road/1930. Spitzkop area. /21 51'S 15 22'E/Londt & Stuckenberg/Riparian woodland.', 'PARATYPE ♀/Oratostylum/ricardoi sp.n/J.G.H. LONDT', 'Ontomyia/ricardoi (Londt, 1985)/det. T.Dikow 2000', 'BMNH(E)/2002-82' – ♀ NHMUK014034948; 1 PT same except 'PARATYPE ♂/Oratostylum/ricardoi sp.n/J.G.H. LONDT' – ♂ NHMUK014034949 (Fig. 10). In his description

Figure 10. Whole lateral image of *Ontomyia ricardoi* paratype NHMUK014034949.

Londt states that all NHM paratypes are recorded at 40km rather than both 40 km and 43 km. Specimens donated by Londt to the NHM.

Scylaticus bromleyi Londt, 1992: 109. 7 PT **South Africa** 4 PT 'Aliwal North/ Cape Province, Dec.1922', 'S. Africa/R. E. Turner/Brit.Mus. /1923-45', '**PARATYPE/**Scylaticus/bromleyi sp.n./J.G.H. Londt' – ♂ NHMUK014034841, ♂ NHMUK014034842, ♂ NHMUK014034844 & ♀ NHMUK014034839; 3 PT 'Aliwal North/Cape Province/ 4350ft /1–13.i.1923', 'S. Africa/R. E. Turner/ Brit.Mus. /1923-70', '**PARATYPE/**Scylaticus/bromleyi sp.n./J.G.H. Londt' – ♂ NHMUK014034843, ♀ NHMUK014034838 & ♀ NHMUK014034840. In his description Londt wrongly says that all paratypes in the NHM were collected in December 1922, and also provides the latitude and longitude for Aliwal North: "30 42'S:26°42'E".

Scylaticus camptus Londt, 1992: 116. 1 PT **South Africa** 'STH AFRICA: Transvaal/6 km N of Vivo 2229CC/23–24.ii.1980 Londt/& Schoeman Bushveld/ veget. & old lands', '**PARATYPE/**Scylaticus/camptus sp.n./J.G.H. Londt' – ♂ NHMUK014034845. Specimen donated by Londt to the NHM.

Scylaticus cuthbertsoni Londt, 1992: 126. HT **Zimbabwe** 'Sawmills/S. Rhodesia/22-2-1925/Rhod. Museum', 'Pres. By/Imp.Bur.Ent./Brit.Mus./1928-347', 'Scylaticus /zonatus Lw/Dr.E.O.Engel det.', '**HOLOTYPE/**Scylaticus/cuthbertsoni/ sp.n./J.G.H. Londt' – ♂ NHMUK014034846. Male terminalia in vial. In his description Londt also provides latitude and longitude: "19°35'S:28°02'E".

Scylaticus danus Londt, 1992: 127. 1 PT **South Africa** STH AFRICA: Cape Prov/10 km W of Williston/15.xi.1986 3120BD/Londt & Quickelberge/1060m Sand Acacias', '**PARATYPE/**Scylaticus/danus sp.n./J.G.H. Londt' – ♀ NHMUK014034847. Specimen donated by Londt to the NHM.

Scylaticus entrichus Londt, 1992: 131 (Fig. 11). 2 PT **South Africa** 'S AFRICA: Cape #26/18 km N of Sutherland/32°16'S:20°41'E 1350 m/Date: 26.xi.1990/Londt & Whittington/Renosterrivier area', '**PARATYPE/**Scylaticus/entrichus sp.n./J.G.H. Londt' – ♂ NHMUK014034849 & ♀ NHMUK014034848 (Fig. 11), respectively. Specimen donated by Londt to the NHM.

Scylaticus gongrocercus Londt, 1992: 1331. HT & 3 PT **South Africa HT** 'Cape Province:/Worcester./3–4.x.1928.', 'S.Africa./R.E.Turner./Brit. Mus./1928-491.', 'HOLOTYPE/Scylaticus/gongrocercus/sp.n./J.G.H. Londt' -♂ NHMUK014034850; 'Cape Province:/Worcester./3–4.x.1928.', 'S.Africa./R.E.Turner./Brit. Mus./1928-491.', 'PARATYPE/Scylaticus/gongrocercus/sp.n./J.G.H. Londt' – ♀ NHMUK014034853; 2 PT **Namibia** 'Aus./Dec. 1929.', S.W.Africa./R.E.Turner./Brit. Mus./1930-113.', 'PARATYPE/Scylaticus/gongrocercus/sp.n./J.G.H. Londt' – ♀ NHMUK014034851 & ♀ NHMUK014034852. In his description Londt also provides latitude and longitude for Worcester and the Namibian locality: "33°39'S:19°26'E and 26°40'S:16°16'E respectively".

Scylaticus iota Londt, 1992: 139. 1 PT **South Africa** 'STH AFRICA: Cape Prov /46km SE of Middelpos/18.xi.1986, 3220AB/Londt & Quickelberge/12S0m, Scrub nr river', 'PARATYPE/Scylaticus/iota sp.n./J.G.H. Londt' – ♀ NHMUK014034854. Specimen donated by Londt to the NHM.

Scylaticus irwini Londt, 1992: 141. 3 PT **South Africa** 1 PT 'STH AFRICA Cape Prov/25km N. Kamieskroon/2917DD 5.ix.1983/Stuckenberg & Londt/Rocky Hillside veget.', 'PARATYPE/Scylaticus/irwini sp.n./J.G.H. Londt' – ♂ NHMUK014034857. Specimen donated by Londt to the NHM; 2 PT **Namibia** "Aus./Dec. 1929.', S.W.Africa./R.E.Turner./Brit. Mus./1930-113.', 'PARATYPE/Scylaticus/irwini sp.n./J.G.H. Londt' – ♀ NHMUK014034855 & ♀ NHMUK014034856. In his description Londt also provides latitude and longitude for the female paratypes: "26°40'S:16°16'E".

Scylaticus loewi Londt, 1992: 145. 2 PT **South Africa** 'S AFRICA: Cape #26/18 km N of Sutherland/32°16'S:20°41'E 1350m/Date: 26.xi.1990/Londt & Whittington/Renosterrivier area', 'PARATYPE/Scylaticus/irwini sp.n./J.G.H. Londt' – ♂ NHMUK014034858 & ♀ NHMUK014034859. Specimens donated by Londt to the NHM.

Scylaticus namibiensis Londt, 1992: 153. 2 PT **South Africa** 'S AFRICA: N Cape #15/14 km S of Hotazel/27 19S:22 54E 1050m/Date: 14.iii.1991/Londt & Whittington/Ga-Mogara River bed', 'PARATYPE/Scylaticus/namibiebsis sp.n./J.G.H. Londt' – ♂ NHMUK014034860 & ♀ NHMUK014034861. Specimens donated by Londt to the NHM.

Scylaticus pardalotus Londt, 1992: 155. 5 PT **South Africa 3 PT** 'Cape Province/Somerset East/Nov. 25–30 1930.', 'S.W.Africa/R.E.Turner/Brit.

Figure 11. Whole lateral image of *Scylaticus entrichus* paratype NHMUK014034848.

Mus/1931-12', 'PARATYPE/Scylaticus/pardalotus sp.n./J.G.H. Londt' – ♂ NHMUK014034862, ♂ NHMUK014034864, ♂ NHMUK014034865; same as before except '**PARATYPE**/Scylaticus/namibiebsis sp.n./J.G.H. Londt' – ♂ NHMUK014034866 & ♀ NHMUK014034863.

Scylaticus phaeus Londt, 1992: 157. HT & 1 PT **South Africa** HT 'Cape Province:/ Matjiesfontein./14–27.xi.1928', 'S. Africa/R. E. Turner/Brit. Mus./1928-542', '**HOLOTYPE**/Scylaticus/phaeus sp.n./J.G.H. Londt' – ♂ NHMUK014034867. Holotype with dissected male terminalia preserved in vial; 1 PT same as HT except 'Scylaticus ♀/near? Marginatus Engel/H. Oldroyld 1940', '**PARATYPE**/Scylaticus/phaeus sp.n./J.G.H. Londt' – ♀ NHMUK014034868.

Scylaticus tigrinus Londt, 1992: 164. HT **South Africa** 'Cape Province/Matjiesfontein/1–18.xii.1928', 'S. Africa/R. E. Turner/Brit. Mus./1929-15', '**HOLOTYPE**/Scylaticus/phaeus sp.n./J.G.H. Londt' – ♂ NHMUK014034869. Male terminalia in vial.

Brachyrhopalinae

Afroholopogon aspros Londt, 2005: 211. 2 PT **South Africa** 'STH AFRICA: KZ-Natal/Umgeni Valley Nat. Res./ 29°28'43"S 30°15'39"E/28.iv.2005 JGH Londt/696m Black Eagle Trail/Swept *Aristida* grassland', 'PARATYPE/*Afroholopogon*/*aspros*/J. G. H. Londt', 'BMNH(E)/2006-112' – ♂ NHMUK014034956 & ♀ NHMUK014034957. Specimens donated by Londt to the NHM.

Afroholopogon dasys Londt, 2005: 216. HT & 2 PT **Oman** HT 'DHOFAR 670 m./Qara Hills/North slopes/22.9.1977/K.Guichard', 'BMNH/London', '**HOLOTYPE**/*Afroholopogon*/*dasys*/J. G. H. Londt' – ♂ NHMUK014035086; 1 PT **Eritrea** 'Eritrea:/W. Ancober/near Keren/8.x.1957/D.J. Greathead', 'BMNH/london', 'PARATYPE/*Afroholopogon*/*dasys*/J. G. H. Londt' – ♀ NHMUK014035087; 1 PT **Yemen** 'Abdelkuri I:/ North Shore/S.K;/7.v.1967/K. Guichard', 'Brit.Mus./1967-455', 'PARATYPE/*Afroholopogon*/*dasys*/J. G. H. Londt' – ♂ NHMUK014035088. Male terminalia in vial. In his description Londt provides latitudes and longitudes for the Oman: "approx. 1700N 5345E", Yemen: "'Abd al Kuri 1219N 5222E" and Eritrea: "1547N 3828E" localities.

Afroholopogon mauros Londt, 2005: 218. 2 PT **Botswana** 1 PT 'BOTSWANA/ SEROWE/M.T.6.xii.87', 'PARATYPE/*Afroholopogon*/*mauros*/J. G. H. Londt' – ♂ NHMUK014035082; 1 PT 'BOTSWANA/SEROWE/M.T.6.xi.87', 'PARATYPE/*Afroholopogon*/*mauros*/J. G. H. Londt' – ♂ NHMUK014035083. Londt does not state that this paratype was deposited in the NHM. In his description Londt also provides the latitude and longitude: "2223S 2643E".

Afroholopogon melas Londt, 2005: 221. 1 PT **South Africa** "STH AFRICA: Cape Prov/Franschhoek Pass/3319CC 21.xi.1986/Londt & Quickelberge/Grass & macchia on/summit of pass 800 m', 'PARATYPE/*Afroholopogon*/*melas*/J. G. H. Londt', 'BMNH(E)/2006-112 – ♀ NHMUK014035080. In his description Londt also provides the latitude and longitude: "3354S 1909E".

Ischiolobos mesotopos Londt, 2005: 234. 1 PT **South Africa** 'South Africa KZN/ Cumberland Nat. Res./29°30.832'S 30°30.306'E/Light trap 654 m/Date: 2–3. xii.2004/Coll: M. Mostovski', 'PARATYPE/*Ischiolobos*/*mesotopos*/J. G. H. Londt', 'BMNH(E)/2006-112' – ♀ NHMUK014035081.

Agrostomyia dimorpha Londt, 1994: 78. 2 PT **South Africa** 'Sth Africa Cape Prov/30 km E. Groblershoop/2822CD 19.iii.1982/J. Londt & L. Schoeman/ Roadside vegetation', '**PARATYPE**/Agrostomyia ♂/dimorpha sp.n./J. G. H. Londt', 'BM1994 E/39' – ♂ NHMUK014034879 (Fig. 12); same as before except '**PARATYPE**/Agrostomyia ♀/dimorpha sp.n./J. G. H. Londt' – ♀ NHMUK014034880. Specimens donated by Londt to the NHM.

Irwinomyia argentea Londt, 1994: 83. 1 PT **Namibia** 'SOUTH WEST AFRICA 2115Ba/ Omaruru Dist. 50 km, N.W./ Omaruru, 1200 m. 5-11-1974/ ME Irwin, flood plain/with large Acacia tree', '**PARATYPE** ♂/Irwinomyia/argentea sp.n./J. G. H. Londt', 'BM1994E/.39' – ♂ NHMUK014034943 (Fig. 13).

Macroetra damara Londt, 1994: 84. 2 PT **Namibia** 1 PT 'PARA_TYPE', 'S.W.Protect./ Otjituo'-'R.W.Tucker/Jan. 1920', 'Recd. From/S. Africa/Museum.', '**PARATYPE**/ Macroetra/damara sp.n./J. G. H. Londt' – ♀ NHMUK014034944; 1 PT 'NAMIBIA 26.iii.1984/54 km S Khorixas. Road/76. 20 43' S: 14 49'E/ Londt & Stuckenberg/Roadside grass and/flowers, sandy area', '**PARATYPE**/Macroetra ♂/ damara sp.n./J. G. H. Londt' 'BM1994E/39' – ♂ NHMUK014034945. Specimen donated by Londt to the NHM.

Figure 12. Whole lateral image of *Agrostomyia dimorpha* paratype NHMUK014034879.

Figure 13. Whole lateral image of *Irwinomyia argentea* paratype NHMUK014034943.

Pedomyia epidema Londt, 1994: 89. 2 PT **South Africa** 1 PT 'STH AFRICA: Cape Prov/ Biedou Valley 300 m/32°06'00"S:19°19'00"E J Londt B Stuckenberg & P Croeser 6.ix.1989/ Rocky gentle N slope/Scrub & wild flowers', '**PARATYPE**/Pedomyia ♂/epidema sp.n./J. G. H. Londt', 'BM1994E/39' – ♂ NHMUK014034951 (Fig. 14); 1 PT same as before except '**PARATYPE**/Pedomyia/epidema sp.n./J. G. H. Londt' – ♀ NHMUK014034952. Specimens donated by Londt to the NHM.

Pedomyia melanothrix Londt, 1994: 89. 2 PT **South Africa** 1 PT "STH AFRICA: Cape Prov/Richtersveld 7 km S/Lekkersing 2.ix.1989/29°03'00"S: 17°06'00"E/J Londt B Stuckenberg /& P Croeser Dry river/flat rocky area 300m', '**PARATYPE** ♂/Pedomyia/ melanothrix sp.n./J. G. H. Londt', 'BM1994E/39' – ♂ NHMUK014034953; 1 PT "STH AFRICA: Cape Prov/Richtersveld 6 km W/of Kuboes 1.ix.1989/28°27'00"S: 16°58'30"E/B Stuckenberg J Londt/& P Croeser 200m Sandy/area with succulents', '**PARATYPE**/Pedomyia/melanothrix sp.n./J. G. H. Londt' 'BM1994E/39' – ♀ NHMUK014034954. The label data for the female paratype is different to that in the description. Specimens donated by Londt to the NHM.

Pedomyia xanthocera Londt, 1994: 89. 1 PT **South Africa** 'STH AFRICA Cape Prov/20 km NE of Springbok/2918CA 7.ix.1983 /Londt & Stuckenberg/Rocky hillside & dry/watercourse veget.', '**PARATYPE**/Pedomyia/xanthocera sp.n./J. G. H. Londt' 'BM1994E/39' – ♂ NHMUK014034955. Specimen donated by Londt to the NHM.

Habropogon capensis Londt, 1981b: 72. 2 PT **South Africa** 'SOUTH AFRICA, CAPE PROV/11mi.NNE.Hondeklipbaai /Sept.8. 1972, 3017 Ab /ME&BJ Irwin, 200 ft alt-/reddish sand, shrubs', 'Hapropogon/sp.nov/det. H.Oldroyd 19/note mid tarsi' (only for ♂ specimen), 'PARATYPE/Habropogon/capensis/Londt 1980', 'BMNH(E)/2002-82' – ♂ NHMUK014034836 & ♀ NHMUK014034837. The '3017 Ab' differs from HT label which is written as 3019AD.

Rhabdogaster etheira Londt, 2006b: 255. 3 PT **Namibia** 'S.W.AFRICA (W48)/ Kombat/1–6.iv.1972', '**PARATYPE**/*Rhabdogaster/etheira sp.n.*/Det JGH Londt', 'Southern/African Exp./B.M.1972-1' – ♀ NHMUK014034958, ♀ NHMUK014034959 & ♀ NHMUK014034960.

Rhabdogaster lindneri Londt, 2006b: 263. 3 PT **Uganda** 1 PT 'Uganda /Entebbe/1954/ G.S. Corbet', 'G0404', '**PARATYPE**/*Rhabdogaster/lindneria sp.n.*/Det JGH Londt' – ♀ NHMUK014034961; **Kenya** 1 PT 'Dr van Someren/NAIROBI/March 1928', KENYA COLONY', 'IMP.INST./ENTOM', 'SWBromley/Collection/1955', 'BMNH/London', 'lindneri', '**PARATYPE**/*Rhabdogaster/lindneria sp.n.*/Det JGH Londt' – ♂ NHMUK014034962; 1 PT ' EMALI RANGE/ Sultan Hamud/ 4900–5900ft. 3–40', 'Pres. By/Coryndon Mus./B.M.1961-696', '**PARATYPE**/ *Rhabdogaster/lindneria sp.n.*/Det JGH Londt' – ♀ NHMUK014034963.

Rhabdogaster nyx Londt, 2006b: 270. 1 PT **South Africa** 'Gt. Wint-hoek /Tulbagh/3.800 ft.' ~ 'April 1916/ R.M.L.', 'BMNH/London', 'Rhabdogaster/sp./det. J.E. Chainey, 198', '**PARATYPE**/*Rhabdogaster/nyx sp.n.*/Det JGH Londt' – ♀ NHMUK014034964.

Rhabdogaster pedion Londt, 2006b: 275. 2 PT **South Africa** "S. Africa: Natal #2/Royal Natal National/ Park. 25.iv.1984 1900m/at Witsieshoek /R. Miller & P. Stabbins', '**PARATYPE**/*Rhabdogaster/pedion sp.n.*/Det JGH Londt', 'BMNH(E)/2006-112 – ♂ NHMUK014034965 & ♀ NHMUK014034965.

Figure 14. Whole lateral image of *Pedomyia epidema* paratype NHMUK014034951.

Rhabdogaster poa Londt, 2006b: 277. 11 PT **South Africa** 2 PT 'South Africa 2229DC/Transvaal 10 km NW of/Waterpoort26.i.1978/JGH. Londt open grass', '**PARATYPE**/*Rhabdogaster/poa sp.n.*/Det JGH Londt', 'BMNH(E)/2006-112' – ♂ NHMUK014034976 & ♀ NHMUK014034977 (Fig. 15). Specimens donated by Londt to the NHM; 9 PT "Skukuza/Kruger N.P./leg. ZumPT II.56', 'BMNH/London', '**PARATYPE**/*Rhabdogaster/poa sp.n.*/Det JGH Londt' – ♂ NHMUK014034967, ♂ NHMUK014034968, ♂ NHMUK014034969, ♂ NHMUK014034970, ♂ NHMUK014034971, ♀ NHMUK014034972, ♀ NHMUK014034973, ♀ NHMUK014034974 & ♀ NHMUK014034975.

Rhabdogaster zopheros Londt, 2006b: 290. HT & 6 PT **Angola** HT & 2 PT 'ANGOLA (A40)/Tundavala,/8–10 mls. NW./Sa da Bandeira/27–29.iii.1972', 'Southern / African Exp./B.M. 1972-1.', '**HOLOTYPE**/*Rhabdogaster/zopheros sp.n.*/Det JGH Londt', – ♂ NHMUK014034978; 2 PT as HT except '**PARATYPE**/*Rhabdogaster/zopheros sp.n.*/Det JGH Londt' – ♂ NHMUK014034979 & ♀ NHMUK014034982 respectively; 3 PT 'ANGOLA (A6)/Tundavala,/9 mls. NW. Sa/da Bandeira /23. ii.1972', 'Southern /African Exp./B.M. 1972-1.', '**PARATYPE**/*Rhabdogaster/zopheros sp.n.*/Det JGH Londt' – ♂ NHMUK014034983, ♀ NHMUK014034980 & ♀ NHMUK014034984; 1 PT 'ANGOLA (A18)/Tundavala,/9 mls. NW. Sa/da Bandeira /5.iii.1972', 'Southern /African Exp./B.M. 1972-1.', '**PARATYPE**/*Rhabdogaster/zopheros sp.n.*/Det JGH Londt' – ♀ NHMUK014034981. In his description Londt states that all the type series have the same data which he writes as "Angola (A6)/Tundavala,/9 mls. NW. Sa/da Bandeira/23.ii.1972", "Southern/ Arican Exp. /B.M. 1972-1.".

Figure 15. Whole lateral image of *Rhabdogaster poa* paratype NHMUK014034977.

Asilinae

Astochia silva Londt, 2019: 226. 1 PT **Kenya** 'Brit. E. Afr./ S.E. Slopes/of Kenya/6,000–7,000 ft./Feb. 3–12, 1911./S.A. Neave'-'A1', 'E preying/on F', 'Pres. by/ Imp. Bur. Ent./1921–9.', 'Astochia sp./det J.G.H. Londt, 1981', 'PARATYPE/Astochia silva/J.G.H.Londt' – ♀ NHMUK010629012. In his description Londt also writes also states "Prey pinned alongside 'Brit. E. Afr./S.E, Slopes/of Kenya/6,000–7,000 ft./ Feb. 3–12, 1911./S.A. Neave', 'F prey/of E: "Coleoptera: Staphylinidae"', 'Pres. by/ Imp. Bur. Ent./1921–9." Prey no longer associated with specimen.

Congomochtherus elferinki Londt & Tsacas, 1987: 32. 2 PT **South Africa** 1 PT 'PARA/ TYPE', 'Sth Africa Transvaal/Johannesburg. 2628Aa/Highlands N./R.Elferink 7 III 1982', 'PARATYPE ♀/Congomochtherus/elferinki sp.n./J.Londt & L.Tsacas' – ♀ NHMUK014034755; 1 PT same apart from 'PARATYPE ♂/Congomochtherus/elferinki sp.n./J.Londt & L.Tsacas' – ♂ NHMUK014034756. Exact data on ♂ is HIGHLANDS NORTH not Highlands N. In his description Londt provides further location data: "c. 26°09'S 28°05'E c. 1675 m".

Congomochtherus inachus Londt & Tsacas, 1987: 34. 2 PT **South Africa** 1 PT 'PARA/TYPE', 'SO.AFRICA:CAPE PROV./Cradock, Fish River/3225BA Londt & Miller/28.X.1978 river bank', 'PARATYPE ♀/Congomochtherus/ inachus sp.n./Londt & Tsacas' – ♀ NHMUK014034757; 1 PT same apart from 'PARATYPE ♂/Congomochtherus/inachus sp.n./Londt & Tsacas'- ♂ NHMUK014034758. In his description Londt provides further locality data: "c. 32°10'S 25°37'E, c 875m".

Congomochtherus oldroydi Londt & Tsacas, 1987: 36. HT & 3 PT **Kenya** HT 'HOLO/TYPE', 'Brit. E. Africa/Narossura River/Nov 1912/W.P.Lowe/1913-73', 'HOLOTYPE ♂/Congomochtherus/oldroydi/J.Londt + L.Tsacas' – ♂ NHMUK014034759. Male terminalia in vial; 1PT 'PARA/TYPE', 'Brit. E. Africa/Narossura River/Nov 1912/W.P.Lowe/1913-73', 'PARATYPE ♂/Congomochtherus/oldroydi sp.n./J.Londt + L.Tsacas' – ♂ NHMUK014034760. Male terminalia in vial. In the description Londt provides further location for both this PT and the HT: "1°32'S: 35°52'E" and altitude: "1860m"; 1 PT 'PARA/TYPE', 'Brit. E. Afr./Between/Guaso-Nyeri/ & Narosura/Masai Reserve/27.ii.1914/ Capt.A.O.Luckman', 'Pres. By./Imp. Bur. Ent./1921-9', 'PARATYPE', '*Congomochtherus/oldroydi n.sp./J.G.H. Londt &/ L.Tsacas det. 1985*) – ♂ NHMUK014034766, Male terminalia in vial; 1 PT same as NHMUK014034766 except 'Congomochthe-/rus oldroydi n.sp./J.G.H. Londt &/ L.Tsacas det. 1985) – ♀ NHMUK014034767. In his description Londt provides additional locality data: "c. 1°18'S 36°14'E, c1400m"; In his description Londt gives further location information for Masai Reserve specimen that was stated to be deposited in the NHM but is no longer here: "Masai Mara c. 1°29'S 35°08'E, c. 1560 m", Ngasemarok: "?". A. D. Luckman, 6000'; Although marked as PT in the NHM collection five further specimens were not included in the original description but have been added here for completeness; 3 'PARA/TYPE', 'Brit. E. Africa/Narossura River/Nov 1912/W.P.Lowe/1913-73', 'PARATYPE', '*Congomochtherus/oldroydi n.sp./J.G.H. Londt &/ L.Tsacas det. 1985*) – ♀ NHMUK014034762, ♂ NHMUK014034763 & ♂ NHMUK014034764.; 1 'PARA/TYPE', 'Brit. E. Africa/Narossura River/Nov 1912/W.P.Lowe/1913-73', 'PARATYPE', '*Congomochthe-/rus oldroydi n.sp./J.G.H. Londt &/ L.Tsacas det. 1985*) – ♂ NHMUK014034765.; 1 'PARA/TYPE', 'Brit. E. Africa/Narossura River/Nov 1912/W.P.Lowe/1913-73', 'PARATYPE', '*Congomochtherus/penicillatus Spieser/det. H.Oldroyd 1966*', '*Congomochthe-/rus oldroydi n.sp./J.G.H. Londt &/ L.Tsacas det. 1985*) – ♂ NHMUK014034761.

Congomochtherus potamius Londt & Tsacas, 1987: 39. 2 PT **South Africa** 1 PT 'PARA/TYPE',' South Africa: Cape./Rhodes area 3027DD/Londt & Stuckenberg/9–10.i.1979 banks of/river & Hill near town', 'PARATYPE ♀/ *Congomoctherus/potamius sp.n./J.* Londt & L.Tsacas' – ♀ NHMUK014034769; 1 PT same except 'PARATYPE ♂/ *Congomoctherus/potamius sp.n./J.* Londt & L.Tsacas' – ♂ NHMUK014034768. On NHMUK014034768 Africa was actually misspelt "Afirca" and both of the original determination labels have the genus incorrectly spelt. Londt (2014) provides additional locality data: "c. 30°47'38"S 27°57'38"E, c. 1815 m". Specimens donated by Londt to the NHM.

Dasophrys engeli Londt, 1981a: 655. 2 PT **South Africa** 1 PT 'PARA/TYPE', 'Mossel Bay/Cape Province./April, 1921', 'S.Africa/R.E.Turner/Brit. Mus./1921-210', 'PARATYPE ♂/Dasophrys/engeli sp.n./J.G.H. Londt' – ♂ NHMUK014034743, dissected male terminalia mounted on a pinned plastic strip; 1 PT 'Para/type', 'AFRICA:/Pt. Elizabeth.//1937–1938./Pres.A. H. Newton./B.M.1950-227.', 'Pt. Elizabeth/21.ii.37', 'PARATYPE ♀/Dasophrys/engeli sp.n./J.G.H. Londt' – ♀ NHMUK014034744.

Gibbasilus arenaceus Londt, 1986a: 2. 1 PT **South Africa** 'PARA/TYPE',' Brandkop Area/Calvinia District/South-West Cape/14 October 1964/B&P Stuckenberg', 'PARATYPE ♂/Gibbasilus/arenaceus sp.n./J.G.H. Londt' – ♂ NHMUK014034751. One wing mounted separately on card. In his description Londt provides further location data: "3219AA" (this location is an area in the north-west quadrant of 32S 19E).

Neolophonotus chaineyi Londt, 1986b: 532. HT **Uganda** 'Holo/type', 'UGANDA/10 miles South/of Kaabora/14.viii.1958/J. Bowden', 'HOLOTYPE ♂/*Neolophonotus/ chaineyi* sp.n./J.G.H Londt' – ♂ NHMUK014034753. In his description Londt also provides the latitude and longitude: "Kabora—now Abola 1°45'N:33° 19'E". Male terminalia dissected on a pinned plastic strip.

Neolophonotus iranensis (Londt, 1985a: 74) – originally *Hippomachus iranensis.* HT & 1 PT **Iran** HT 'Holo/type', 'IRAN Belutschistan/Sudost Jranshar/Bampurufer/13.iii.1954 leg./Richter u. Schäuffele', 'Pres: Staatliches/Museum f. Naturkunde/Stuttgart./B.M.1957-609', 'HOLOTYPE ♂/ Hippomachus/ iranensis sp.n./J.G.H.LONDT' – ♂ NHMUK014034741. Dissected male terminalia mounted on a pinned plastic strip; 1 PT 'PARA/TYPE"IRAN Belutschistan/ Jranshar 800 m./Rand Rig Ispalch/13.iii.1954/Richter u.Schäuffele leg.', 'Pres: Staatliches/Museum f. Naturkunde/Stuttgart./B.M.1957-609', 'Neolophonotus/(Lophopeltis) ♀/pegasus Loew/ det. H.Oldroyd. 1957', 'PARATYPE ♀/ Hippomachus/ iranensis sp.n./J.G.H.LONDT' – ♀ NHMUK014034742 (Fig. 16).

Neolophonotus variabilis Londt 1986b, 589 1 non-type **South Africa** 'Pres. By/Imp. Inst. Ent./Brit Mus./1931—56', Robinson Pass/Mossel Bay/ Dr. Brauns./Cape Colony/25. ix.1922' – ♂ NHMUK014034754. In his description Londt did not list this as a type but data is the same as the paratypes in SAM and added here for completeness.

Laphriinae

Hoplistomerus pegos Londt, 2007: 182. 1 HT & 5PT **Somalia** HT 'Bohotle/Somaliland./1903/Vety-Major AF Appleton/1907-89.', '**HOLOTYPE**/*Hoplistomerus/pegos* sp.n./Det JGH Londt' – ♂ NHMUK015191085; 3 PT as HT except '**PARATYPE**/*Hoplistomerus/pegos* sp.n./Det JGH Londt' – ♂ NHMUK015191088, ♂ NHMUK015191090 (Male terminalia in vial) & ♀NHMUK015191089; 2 PT 'SOMALILAND:/Ado (Vadere)/24.xi.1953/ Desert Locust Survey.'-'BM1982-513/Taken in/Cop (x)', '**PARATYPE**/ *Hoplistomerus/pegos* sp.n./Det JGH Londt'- ♂ NHMUK015191086 & ♀ NHMUK015191087. In his description Londt gives further location information is given: "08°15'N:46°20'E" &: "Ada, 09°55'N:43°47'E", respectively.

Laphyctis eremia Londt & Dikow, 2018: 83. 10 PT **Angola** 1 PT 'Angola (A11)/Bruco. 26.ii -/2.iii.1972', 'Southern/African Exp./B.M. 1972-1', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♂ NHMUK010624214. In their description Londt & Dikow give further location information: "c. 15°07'00"S, 13°11'00"E

Figure 16. Whole lateral image of *Neolophonotus iranensis* paratype NHMUK014034742.

738m"; **Namibia** 1 PT 'Okahandja/2–18.iii.1928.', 'S. W. Africa./R. E. Turner./ Brit. Mus./1928 – 178', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♂ NHMUK010624227. In their description Londt & Dikow give further location information: "c. 21°58'19"S, 16°54'23"E 1354m"; 1 PT 'S. W. Africa (29)/Kahn River, 5 mls./N. Usakos/30–31.i.1972', 'Southern/African Exp./ B.M. 1972-1', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♀ NHMUK010624217; 1 PT 'S. W. Africa (28)/Goanikontes, 21 mls./E. Swakopmund/30.i.1972', 'Southern/African Exp./B.M. 1972-1', 'PARATYPE/Laphyctis/eremia sp.n./ Londt & Dikow' – ♂ NHMUK010624207. In their description Londt & Dikow give further location information: "c. 22°40'06"S, 14°49'04"E 157m"; 3 PT 'S. W. Africa (22);/Kuiseb Canyon./ 23 18'S, 15 45'E/22– 23.i.1972', 'Southern/African Exp./B.M. 1972-1', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♂ NHMUK010624206, ♂ NHMUK010624213 & ♀ NHMUK010624215. In their description Londt & Dikow give further location information: "c. 23°17'59"S, 15°45'32"E 770m"; 1 PT 'S. W. Africa (23)/Homeb, 10 mls./ESE. Gobabeb/23–25.i.1972', 'Southern/African Exp./B.M. 1972–1', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♂ NHMUK010624220. In their description Londt & Dikow give further location information: "c. 23°38'12"S, 15°10'55"E 445m"; 1 PT 'S. W. Africa (23)/Homeb, 10 mls./ESE. Gobabeb/23–25.i.1972', 'Southern/ African Exp./ B.M. 1972- 1', 'Laphystia/gigantella Loew/det. H. Oldroyd 1973', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♀ NHMUK010624219; 1 PT 'S. W. Africa (29)/Kahn River, 5 mls./N. Usakos /30–31.i.1972', 'Southern

/African Exp./B.M. 1972- 1', 'Laphystia/gigantella Loew/det. H. Oldroyd 1973', 'PARATYPE/Laphyctis/eremia sp.n./Londt & Dikow' – ♂ NHMUK010624208. I In their description Londt & Dikow give further location information: "c. 21°56'10"S, 15°41'29"E 1043m".

Loewinella deemingi Londt, 1982: 232. HT & 1 PT **Nigeria** HT 'Holo-type', 'N. Nigeria/Zaria/Samaru/26.vi.1972/J. C. Deeming', 'HOLOTYPE ♂/Loewinella/deemingi sp.n./Londt.J. 1981' – ♂ NHMUK014034808. Male terminalia dissected on a pinned plastic stripe; 1 PT 'Para-/type', 'N. Nigeria/Zaria/Samaru,/2. vii.1972/J. C. Deeming', 'PARATYPE ♀ /Loewinella/deemingi sp.n./Londt.J. 1981' – ♀ NHMUK014034809.

Loewinella lehri Londt, 1982: 236. HT **Pakistan** 'Holo-type', 'N.W. India/Quetta/May 1902/C. G. Nurse/B.M.1934-8', 'Quetta/5.02', 'HOLOTYPE ♂/Loewinella/lehri sp.n./LONDT.J.G.H.' – ♂ NHMUK014034810. Dissected male terminalia mounted on a pinned plastic strip. The label information is a different order to that in the publication.

Nannolaphria niger Londt, 1977: 48. 2 PT **South Africa** 1 PT 'Para-/type', 'SOUTH AFRICA: Natal/ Pietermaritzburg/1930Cb 7.XII.1977/J.G.H. Londt/Town Bush FOREST EDGE', 'PARATYPE ♂/NANNOLAPHRIA/NIGER – LONDT/ DEC – 1976' – ♂ NHMUK014034806; 1 PT as NHMUK014034806 except 'PARATYPE ♀/NANNOLAPHRIA/NIGER – LONDT/ DEC. 1976'- ♀ NHMUK014034805. In his description Londt does not include the location code (probably based on latitude and longitude).

Nusa eos Londt, 2006a: 116. HT & 6 PT **Ethiopia** HT & 2 PT 'van Someren/Garissa Bura/Tana Riv: 11 48', 'Com. Inst Ent./Coll. No. 11185', 'SW Bromley/Collection/1955', 'BMNH/London', '**HOLOTYPE**/*Nusa eos*/Det. JGH Londt/September 2005'– ♂ NHMUK014035089; 2 PT same as before HT except '**PARATYPE**/*Nusa eos*/Det. JGH Londt/September 2005' – ♂ NHMUK014035091 (Male terminalia in vial) & ♀ NHMUK014035092. In his description Londt gives further location information: "0028S 3938E" &: "? xi 1948"; 1 PT '537/18.12.51', 'E.Africa:/Nairobi,/Zone H, HZS 3181,/L.C. Edwards./B.M. 1952- 403.', 'PARATYPE/*Nusa eos*/Det. JGH Londt/September 2005' – ♀ NHMUK014035093. In his description Londt gives further location information: "0117S 3649E"; **Sudan**: 1 PT 'Ent. Coll./C28258', 'COM. INST. ENT./COLL. NO. 11747', 'Sudan Govt.: "sideways"/Arema/J.W. COWLAND/19.x.28', 'BMNH/London', '**PARATYPE**/*Nusa eos*/Det. JGH Londt/September 2005' – ♀ NHMUK014035095. In his description Londt gives further location information: "? Arema, Ethiopia– 1214N 3657E"; **Tanzania**: 1 PT 'Tanganyika Terr:/Old Shinyanga/6.i.1936/E. Burtt./B.M. 1938-433', 'A'-'2/1219', '**PARATYPE**/*Nusa eos*/Det. JGH Londt/September 2005' – ♂ NHMUK014035094. In his description Londt gives further location information: "0333S 3324E" but the 'A' label was not included (unsure of relevance); **Kenya**: 1 PT 'Kenya: Archer's Post/Uaso Nyiro river/2300' 6-xii-1969/M.E. Irwin &/E.S. Ross', 'Nusa/spp/det.EMFisher 76', '**PARATYPE**/*Nusa eos*/Det. JGH Londt/September 2005' – ♂ NHMUK014035090. Dissected male terminalia preserved in vial. In his description Londt provides the latitude and longitude: "0039N 3641E"

and this specimen was not listed in NHMUK and there is a further label 'Collection of the/CALIFORNIA ACADEMY/OF SCIENCES, San/ Francisco, Calif.'

Trichardis abdelkuri Londt, 2008: 175. HT & 3 PT **Yemen** HT 'ABDELKURI I:/ /Jebel Saleh/500–1500 ft/7.v.1967/K. Guichard', 'Brit. Mus. / 1967-455', '*Trichardis*/*nigrescens*/(Ricardo, 1903)/Det. JGH Londt', '**HOLOTYPE**/*Trichardis*/*abdelkuri*/Det JGH Londt' – ♂ NHMUK015191091. In his description Londt gives further location information: "12°05'N:52°20'E". Male terminalia in vial; 3 PT 'ABDELKURI I:/ /Jebel Saleh/500–1500 ft/7.v.1967/K. Guichard', 'Brit. Mus. / 1967-455', '**PARATYPE**/*Trichardis*/*abdelkuri*/Det JGH Londt' – ♂ NHMUK015191092, ♀ NHMUK015191093 (one leg on card) & ♀ NHMUK015191094.

Trichardis eburacta Londt, 2008: 181. 1 PT **Nigeria** 'N. NIGERIA/Zaria,/ Samaru./18.vi.1968', 'J. C. Deeming/m.v. trap.', 'PARATYPE/Trichardis/eburacta/Det. J.G.H. Londt' – ♀ NHMUK014034801. In his description Londt also provides the latitude and longitude: "11°10'N:07°37'E".

Trichardis mellina Londt, 2008: 192. 1 PT **Eritrea** 'ABYSSINIA/NOV 1911/R. J. STORDY', 'Pres by/Imp. Bur.Ent./Brit.Mus./1923–58.', 'Trichardis/erythrogaster.Herm/Typus' (manuscript name by Hermann), 'PARATYPE/Trichardis/mellina/Det. J.G.H. Londt' – ♂ NHMUK014034802.

Trigonomiminae

Damalis achilles Londt, 1989: 65. 1 PT **South Africa** 'H.C.BURNUP'/Tongaat, '08-9', '63' (There are 4 holes in the label which may be obscuring a mark between these two numbers), 'S.Africa/Pres. By Natal Mus./Pietermaritzburg./ B.M.1927-59.', 'PARATYPE/DAMALIS/ACHILLES/J.G.H. LONDT' – ♀ NHMUK014034993. In his description the latitude and longitude of the locality is provided: "29°35'S:31°08'E" and a probable collection date (which is almost certainly correct) "? 1908–1909".

Damalis angola Londt, 1989: 67. HT & 8 PT **Angola** HT 'ANGOLA (A11)/Bruco, 26.ii.- /2.iii.1972', 'Southern/African Exp./B.M.1972-1', 'HOLOTYPE/Damalis/angola/Det J.G.H. Londt' – ♂ NHMUK014034994; 7 PT as HT except 'PARATYPE/Damalis/angola/Det J. G. H. Londt', ♂ NHMUK014034995, ♂ NHMUK014034996, ♂ NHMUK014034997 (dissected male terminalia mounted on a pinned plastic strip), ♀ NHMUK014034999, ♀ NHMUK014035000, ♀ NHMUK014035001 & ♀ NHMUK014035002; 1 PT 'Angola~73/66', 'PARATYPE/Damalis/angola/Det J. G .H. Londt' – ♂ NHMUK014034998. [This latter specimen is part of a donation to the NHM made in 1873 of specimens collected in Angola donated by the Portuguese explorer Joachim John Monteiro, though in the museum's register the collector's name is given as Mr C.W. Monteiro]

Damalis chelomakolon Londt, 1989: 72. 2 PT **Zimbabwe** 'Pres. By/Imp. Bur. Ent./Brit. Mus./1928-347', '311', 'Lophurodamalis/longipennis/Lw/Det.E.O.Engel det.', 'Vumba Mts., 5700' ft./ S. Rhodesia./2–15 February, 1924./Rhodesia Museum.', 'PARATYPE/ Damalis/chelomakolon/Det J. G .H. Londt' – ♂NHMUK014035003 &

♀ NHMUK014035004. The ♀ PT does not have the label '311' and in Londt (1989) label data is missing for both as well as the original identification.

Damalis doryphorus Londt, 1989: 83. 2 PT **South Africa** 'SOUTH AFRICA: Natal/ Pongolo Bush Nat. Res/27°19'20"S:30029'35"E/Montane Podocarpus. For/ Grass nr forest 1580m/J. G. H. Londt 20.iv.1988', 'PARATYPE/Damalis/doryphorus/ Det J. G .H. Londt' – ♂ NHMUK014035006 (Fig. 17) & ♀ NHMUK014035005. In his description Londt has written the data in a different order. Specimens donated by Londt to the NHM.

Damalis drilus Londt, 1989: 86. HT & 12 PT **Uganda**: HT '80' level on/ steel tower', 'UGANDA: 7 mls from Entebbe/Zika Forest./iii.-iv.1961./P. S. Corbet./1961-341.', 'HOLOTYPE/Damalis/drilus/Det J.G.H. Londt' – ♂ NHMUK014035067; 3 PT as HT except 'PARATYPE/Damalis/ drilus/J. G. H. Londt' – ♂ NHMUK014035073, ♀ NHMUK014035074 & ♀ NHMUK014035075. In his description Londt also provides the latitude and longitude: "0004'N:32~8'E"; 5 PT same but '120' level on/steel tower/on margin of/ lakeside swamp' – ♂ NHMUK014035068 (with dissected male terminalia mounted on a pinned plastic strip), ♂ NHMUK014035079, ♀ NHMUK014035070, ♀ NHMUK014035071, ♀ NHMUK014035072; 1 PT same but '60' level on/ steel tower' – ♀ NHMUK014035076; 2 PT same but '100' level on/steel tower' – ♀ NHMUK014035077 & ♀ NHMUK014035078; 1 PT same but no level number provided – ♀ NHMUK014035069. 10 further non-type specimens from the same locations are also housed in the collection (NHMUK014035007, NHMUK014035008, NHMUK014035009, NHMUK014035010, NHMUK014035011, NHMUK014035012, NHMUK014035013, NHMUK014035014, NHMUK014035015 & NHMUK014035016).

Damalis monochaetes Londt, 1989: 107. 1 non-type **South Africa** 'Karkloof, ii.1897, Marshall./1903-17.', 'Karkloof/Natal 2.97', 'Damalis/monochaetes/Londt. / Det: J. G. H. Londt' – ♂ NHMUK014035019; 2 non-type 'Bulwer/Natal/:W. Haygarth'~'1914', 'Pres. By/Cape Museum/per.G.Ricardo/20.iii.1923', 'Damalis/monochaetes/Londt. /Det: J. G. H. Londt' – ♀ NHMUK014035018 & ♀ NHMUK014035020. These were not included as types by Londt but listed as part of the material examined and have been added here for completeness. For NHMUK014035020 most of the abdomen is missing apart from a small part which is attached to the plastic sheet that the specimen is pinned to.

Damalis neavei Londt, 1989: 109. HT & 19 PT **Malawi** HT 'Holo-/type', 'C>CI/ Mlanje/Nyasaland/31.i.1913/S. A. Neave', 'CI<C/ Mlanje/Nyasaland/3l.i.1913/S. A. Neave', 'Pres. By/Imp.Bur.Ent./1921-12', 'Centrotus/ sp. Not in B.M.', 'HOLOTYPE/Damalis/neavei/Det J.G.H. Londt' 'BMNH(E) #662515' – ♂ NHMUK014035023. Londt designates this specimen as the holotype in his description and the prey item is identified: "Prey: Hemiptera, Membracidae 'Centrotus sp. Det. W. E. China'" although the HT was originally and incorrectly added to specimen NHMUK014035021 – the labels have now been swapped; 1 PT 'K1<K/Mlanje/13.I.1913/S. A. Neave', 'K<K1/Mlanje/13.I.1913/S. A. Neave ', 'Pres. By/Imp.Bur.Ent./1921-12', 'Laspeyresia/sp. ?/ teste HS', 'PARATYPE/Dama-

Figure 17. Whole lateral image of *Damalis doryphorus* paratype NHMUK014035006.

lis/neavei/J. G. H. Londt', 'BMNH(E) # 662510' – ♂ NHMUK014035021. In his description Londt also provides the latitude and longitude: "15°57'S: 35°36'E"; 2 PT 'Brit.Mus./1911-177', 'Nyasaland:/Ft. Mangoche/to Chikala Boma/4000 ft 20–25.iii.1910./S. A. Neave', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♂ NHMUK014035034 & ♀ NHMUK014035022. In his description Londt also provides the latitude and longitude: "14°27'S: 35°29'E"; 2 PT 'Nyasaland/Blantyre/1914/Dr J.B. Davey', 'Pres. By/Imp.Bur.Ent./1921-236', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♂ NHMUK014035033 & ♀ NHMUK014035024. In his description Londt also provides the latitude and longitude: "15°47'S: 35°00'E"; 1 PT 'F>F1/S.W. of/Lake Chilwa/1O.i.1914/S. A. Neave.', 'F1<F/S.W. of/Lake Chilwa/1O.i.1914/S. A. Neave.', 'Pres. By/Imp.Bur.Ent./1921-12', 'Myrmecaria ♂/eumenoides Gergh.', 'Damalis/venusta Bert./det. J.E.Chainey, 1983', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', 'BMNH(E) #662517' – ♀ NHMUK014035025. Attached prey item was named in original description: "Prey: Hymenoptera, Formicidae, 'Myrmecaria eumenoides Gergh. ♂"; 1 PT '01 × 0/MT.Mlanje/Nyasaland/14.xii.1912/S. A. Neave', 'Pres. By/Imp.Bur.Ent./1921-12' – ♀ NHMUK014035026. Detached abdomen contained in vial; 1 PT 'A>A1/27.iii.1913/S. A. N.', 'A1<A/27.iii.1913/S. A. N.', 'Pres. By/Imp.Bur.Ent./1921-12', 'Centrotus/sp. Not in/B.M./det. In B.M./W.E.China.', 'Delphacis/?/Dicranotropis', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', '?Dicrano-/tropis/det. In B.M./W.E.China.', 'BMNH€ # 662518' – ♂ NHMUK014035027. In his description Londt presumes the collec-

tion locality to be in Malawi: "the collector's initials are those of Sheffield Airey Neave who was collecting in Malawi at this time" as well as information about the attached prey item: "Prey: Hemiptera, ? Fam. '? Decranotropes Det. W. E. China'": "this probably refers to the delphacid genus Dicranotropis, though the Afrotropical species are no longer thought to belong to this genus"; 1 PT 'NYASALAND:/ Mlanje/2000'./26.xii.1944./R. C. Wood./B.M.1948-309.', '26.xii.44/ ♀/Mlanje 2000'/Nyasaland/R.C.Wood', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♀ NHMUK014035028; 1 PT 'E2 X E3/Rua V/Nyasaland/3.iii.1913/S. A. Neave.', 'Pres. By/Imp.Bur.Ent./1921-12', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♂ NHMUK014035029. In his description Londt provides the full locality name with latitude and longitude: "Rua Basin -15°54'S:35°30'E". The dissected terminalia have been mounted on celluloid; 1 PT 'A>A1/S.W. of/ L. Chilwa/Nyasaland/12.i.1914/S. A. Neave.', 'A1<A/S.W. of/ L. Chilwa/Nyasaland/12.i.1914/S. A. Neave.', 'Pres. By/ Imp.Bur.Ent./1921-12', "Crematogaster/(Decamera)[undecipherable"/sp? ♀/H. St.J.Donisthorpe./det. 28.v.1931', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', 'BMNH(E) # 662513' – ♀ NHMUK014035030. In his description Londt provides identification of the prey item: "Hymenoptera, Formicidae, 'Crematogaster sp. ♀'"; 1 PT 'B>B1/S.W. of/ L. Chilwa/Nyasaland/12.i.1914/S. A. Neave.', 'B1<B/S.W. of/ L. Chilwa/Nyasaland/12.i.1914/S. A. Neave.', 'Pres. By/Imp.Bur.Ent./1921-12', 'Galeruca sp', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', 'BMNH(E) # 662516' – ♀ NHMUK014035037. In his description Londt provides identification of the prey item: "Prey: Coleoptera, Chrysomelidae, 'Galeruca sp.'"; 1 PT 'NYASALAND./Mt.Mlanje./ l.i.1913./ S. A. Neave.', 'Pres. By/Imp.Bur.Ent./1923-58', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♀ NHMUK014035031. Wing mounted separately on slide; 1 PT 'Damalis/venustus/Bertol', 'Pres.by/Imp.Bur. Ent./Brit.Mus./1924-209, ', 'Nyasaland./Mlanje, Sep1913 Feb 1914/ J. B. Davey.', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♂ NHMUK014035032; 1 PT 'Pres.by/Imp.Bur.Ent./Brit.Mus./1923-58', 'NYASALAND./Marimba 15.i.1910, J. B. Davey', 'Damalis/venusta Bertolini', 'Damalis/venustus/21', 'PARATYPE/ Damalis/neavei/ J. G. H. Londt' – ♀ NHMUK014035035. In the description Londt gives further locality data: "? Maremba 14°14'S: 34°49'E"; 1 PT 'D>D1/ Mlanje,Nyasaland,/11.ii.1914,/S. A. Neave.', 'D1<D/Mlanje,Nyasaland,/11. ii.1914,/S. A. Neave.', 'Pres. By/Imp.Bur.Ent./1921-12', 'Polycorynus/sp./Det. 1932/G.E.Bryant', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', 'BNHM(E) # 662514' – ♀ NHMUK014035036. In his description Londt provides identification of the prey item: "Prey: Coleoptera, ? Fam. 'Polycorynus sp. Det. G.E. Bryant'": "a fungus weevil, belongs to family Anthribidae"; 1 PT 'A>A1/S.W. of L. Chilwa/ Nyasaland/9.i.1914/S. A. Neave.', 'A1<A/S.W. of L. Chilwa/Nyasaland/9.i.1914/S. A. Neave.', 'Pres. by/Imp. Bur. Ent./1921-12.','Melitonoma/punctipennis Jae.', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', 'BMNH(E) #662511' – ♂ NHMUK014035038. In his description Londt provides identification of the prey item: "Coleoptera: Chrysomelidae" and location: "15°30'S:35°30'E"; 1 PT 'C>C1/S.W. of L. Chilwa/Nyasaland/9.i.1914/S. A. Neave.', 'C1<C/S.W. of L. Chilwa/Nyasaland/9.i.1914/S. A. Neave.', 'Pres. by/Imp. Bur. Ent./1921-12.',

'Myrmecaria', 'PARATYPE/Damalis/neavei/ J. G. H. Londt', 'BMNH(E) #662512' – ♂ NHMUK014035039. In his description Londt provides identification of the prey item: "Hymenoptera: Formicidae" and location: "15°30'S:35°30'E"; **Zambia**: 1 PT 'N.Rhodesia./Lusenfura/N.W.R./3.10/Silverlock ColI./1912-20'~'35', 'PARATYPE/Damalis/neavei/ J. G. H. Londt' – ♀ NHMUK014035040. In his description Londt states that the terminalia is now missing and gives the locality name as "? Lusemfwa", also providing its latitude and longitude: "14°35'S: 29°07'E".

Damalis sphekodes Londt, 1989: 128. HT **Tanzania** 'TANGANYIKA:/Amani,/ iii.1959./J. D. Phipps.B.M.1962-453.', 'HOLOTYPE/Damalis/sphekodes/ Det. J.G.H. Londt' – ♂ NHMUK014035043. Terminalia dissected on a pinned plastic strip and in Londt provides latitude and longitude in his description: "5°09'S:38°36'E".

Damalis turneri Londt, 1989: 129. HT & 1 PT **South Africa** HT 'E. Cape Prov/Katberg/19–26.ii.1933', 'S. Africa./R.E.Turner./Brit.Mus./1933-175', 'HOLOTYPE/ Damalis/turneri/Det. J.G.H. Londt' – ♂ NHMUK014035042; 1 PT same as HT except 'PARATYPE/Damalis/turneri/J. G. H. Londt' – ♀ NHMUK014035041. In his description Londt provides further location information: "3226BC" (the authors presume this is 32S 26E).

Dasypogoninae

Pegesimallus srilankensis Londt, 1980: 323. HT & 2 PT **Sri Lanka** HT 'Holo/type', Type'~'N/limbus/Oldr.', 'Ceylon/Dambula/15.iv.1891/Lt. Col. Yerbury/1892-192'~'21o', 'Neolaparus ♂/limbus Oldr/H.Oldroyd det.1937.', 'HOLOTYPE/ Pegesimallus/srilankensis ♂/J.G.H. Londt' – ♂ NHMUK014034780. The BM accession number is not mentioned in the published description. Dissected male terminalia mounted on a pinned plastic strip; 1 PT 'Para-/type', 'Para-/type'~'N/limbus/ Oldr', Ceylon/Tricomali./12.X.90./Lt.Col.Yerbury./1892-192.' ~'235', 'Neolaparus ♂/limbus Oldr/H.Oldroyd det.1937.' 'PARATYPE ♂/ Pegesimallus/srilankensis/ J.G.H. Londt' – ♂ NHMUK014034781; 1 PT 'Para-/type', Ceylon/Tricomali./Hot Wells./27.IX.91./Lt.Col.Yerbury./1892-192.' ~'210', 'PARATYPE ♀/ Pegesimallus/ srilankensis/J.G.H. Londt' – ♀ NHMUK014034782. Londt corrects the spelling of Dambula to Dambulla and Tricomali to Trincomalee in his description.

Pegesimallus yerburyi Londt, 1980: 333. HT & 7 PT **Sri Lanka** HT 'Holo-/ type', 'Type'~'N/brussetti/Oldr.', 'Ceylon./Nilaveli/19.VII.91./Lt.Col.Yerbury./1892-192'~'210', 'HOLOTYPE/ Pegesimallus/yerburyi ♂/J.G.H. LONDT.' – ♂ NHMUK014034783. Dissected terminalia mounted on a pinned plastic strip. Londt notes that the label 'Trilaveli was "poorly written and may be incorrect" and we believe this to be Nilaveli, a small coastal town in the Trincomalee District; 1 PT 'Para-/type', 'Ceylon./Periakulam/5.iv.91./Lt.Col.Yerbury/1892-192', 'PARATYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT' – ♀ NHMUK014034784; 1 PT 'Para-/type', 'Type'~'N/brussetti/Oldr', 'Ceylon./ Alivtoya/22.iv.91./Lt.Col.Yerbury/1892-192'~'210' (date different to that given in publication), 'PARATYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT.' – ♀ NHMUK014034785; 1 PT

'Para-/type', 'Ceylon./ Kuchavelli /27.3.91./Lt.Col.Yerbury/1892-192'~' 310'(date written differently in publication), 'PARATYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT' – ♀ NHMUK014034786; 1 PT 'Para-/type', 'Ceylon./ Kuchavelli /29.3.91./Lt.Col.Yerbury/1892-192'~'209', 'Lagodias/sp.nov', 'PARATYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT' – ♀ NHMUK014034787; 1 PT 'Para-/type', 'CEYLON./R.Senior-White./B.M.1924-100./On roadside/BABARANE 10:10:19', 'gen.nr.Pseudorus/sp.2.nitidiventus/m.n.s. MS.', 'AS.??', 'PARATYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT' – ♀ NHMUK014034788; 2 PT **India** 1 PT 'Para-/type', 'Thekkadi/Periyar Dam,/Travancore 6–10.v.37'~'B.M.-C.M.Expdn./to South India./April-May 1937', 'Neolaparus ♀/ brunettii Oldr/H. Oldroyd det.1937', 'PARATYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT.' – ♀ NHMUK014034789; 1 PT 'Para-/type', 'Sethumadai 20Km./S.W.of Pollachi./S. India 24-IV-37', 'Neolaparus ♀/ brunettii Oldr/H.Oldroyd det.1937', 'PARA-TYPE ♀/ Pegesimallus/yerburyi ♂/J.G.H. LONDT.' – ♀ NHMUK014034790.

Saropogon greatheadi Londt, 1997: 141. HT & 1 PT **Eritrea** HT '15 ml N Massawa/ Eritrea /8/8/64', 'HOLOTYPE/Saropogon greatheadi sp.n./Det: J.G.H Londt/ October 1996' – ♂ NHMUK014034770. Terminalia dissected and preserved in vial attached to specimen pin; 1 PT 'Eritrea:/near/Massawa/l.iv.1961/D. J. Great-head', 'PARATYPE/Saropogon greatheadi sp.n./Det: J.G.H Londt/October 1996' – ♂ NHMUK014034771. Both with dissected male terminalia preserved in vial. In his description Londt gives the current name of the locality as " Mits'iwa" and provides its latitude and longitude: "15°36'N:39°28'E".

Saropogon kenyensis Londt, 1997: 145. 1 PT **Kenya** 'KENYA/ near ARCHER'S / POST/ 20.ii.1964/D. J. Greathead', 'Sarapogon sp./det. J.E. Chainey, 1983', 'PARATYPE/Saropogon kenyensis sp.n./Det: J.G.H Londt/October 1996' – ♂ NHMUK014034772. In his description Londt provides latitude and longitude: "0°39'N:37°41'E".

Saropogon zinidi Londt, 1997: 153. 2 PT **Tanzania** 1 PT 'TANZANIA/15 MILES S OF/LONGIDO. 30.IV.66/D.& A. GREATHEAD', 'PARATYPE/Saropogon zinidi sp.n./Det: J.G.H Londt/October 1996' – ♂ NHMUK014034774, dissected male terminalia in vial; 1 PT **Kenya** Brit. E. Africa,/ Masai Reserve/ 14.4.1913/T. J. Anderson.'; 'IMP INST/ENTOM'; 'SWBromley/ Collec-tion/1955'), 'PARATYPE/Saropogon zinidi sp.n./Det: J.G.H Londt/October 1996'– ♀ NHMUK014034773. In his description Londt provides further location information for the two localities: "? Masai Mara Game Reserve -1°25'S:34°55'E", and the latitude and longitude of the Tanzania locality: "2°44'S:36°39'E".

Tillobromatinae

Hypenetes dorattina Londt, 1985b: 383. 2 PT **South Africa** 'PARA-/TYPE', 'SOUTH AFRICA: Natal/Cathedral Peak area/2829Cc 7–12 April 1982/ JGH Londt ex malaise', 'PARATYPE ♂♀/Hypenetes/dorattina sp.n./J.G.H. LONDT' – ♂ NHMUK014034985 & ♀ NHMUK014427904. Specimens mounted to-gether on the same pin. Specimens donated by Londt to the NHM.

Hypenetes loewi Londt, 1985b: 391. 2 PT **South Africa** 1 PT 'Para-/type', 'Rapenburg/ Cape Flats/1–14.x.1920', 'R. E. Turner/1920-424', 'PARATYPE ♂/Hypenetes/ loewi sp.n./J.G.H. LONDT' – ♂ NHMUK014034986; 1 PT 'Para-/type', 'Stellenbosch, 19.viii. '26, R. L. Nel', 'Hypenetes/stigmatias/Lw./Dr E.O. Engel det.', 'Pres. By/Imp. Inst. Ent./Brit. Mus./1931-56', 'PARATYPE ♂/Hypenetes/loewi sp.n./J.G.H. LONDT' – ♂ NHMUK014034987. The head is missing on the latter specimen and the detached abdomen is mounted on the same strip as the rest of the specimen. In Londt (1985b) further location information is given: "3328CD" &: "3318DD" (the authors presume this is Stellenbosch (33S 28E) and Rapenburg (33S 18E) respectively).

Hypenetes macrocercus Londt, 1985b: 393 HT **South Africa** 'Holo-/type', 'Table/Mt/ AE' ~ '80, 69', 'HOLOTYPE ♂/Hypenetes/macrocercus sp.n./J.G.H. LONDT' – ♂ NHMUK014034988. Dissected male terminalia mounted on a pinned plastic strip. In Londt (1985b) further location information is given: "Cape Province, 3318CD" (the authors presume this is 33S 18E). This was part of a donation to the NHM from the Reverend Alfred E. Eaton made in 1880 of specimens collected at Table Mountain.

Hypenetes oldroydi Londt, 1985b: 395. 2 PT **South Africa** 1 PT 'PARA-/TYPE', 'STH AFRICA Cape Prov/25 km SE Citrusdal/3219CA, 30. viii. 1981, J. Londt, L Schoeman/and B. Stuckenberg/ macchia (white sand), 'PARATYPE ♂/Hypenetes/oldroydi sp.n./J.G.H. LONDT' – ♂ NHMUK014034990; 1 PT same as before except 'PARATYPE ♀/Hypenetes/loewi sp.n./J.G.H. LONDT' – ♀ NHMUK014034989. Order on label different to publication. Specimens donated by Londt to the NHM.

Hypenetes pylochrysites Londt, 1985b: 396. 1 PT **South Africa** 'PARA-/TYPE', 'SOUTH AFRICA O F S/15 km SE. of Clarens/ 2828CB, 27.iii.1982/J. Londt & L. Schoeman/ Rocky Hilltop', 'PARATYPE ♂/Hypenetes/pylochrysites sp.n./J.G.H. LONDT' – ♂ NHMUK014034991 (Fig. 18). Specimen donated by Londt to the NHM.

Hypenetes turneri Londt, 1985b: 403. HT **South Africa** 'Holo-/type', 'Camps Bay/ Cape Peninsula/ Sept 1920', 'S.Africa/R. E. Turner/1920-392', 'HOLOTYPE ♂/ Hypenetes/turneri sp.n./J.G.H. LONDT' – ♂ NHMUK014034992. Male terminalia dissected on a pinned plastic strip. In his description Londt gives further location information: "3318CD" (33S 18E).

Willistonininae

Ammodaimon acares Londt, 1985c: 497. 1 PT **Namibia** 'PARA-/TYPE', 'NAMIBIA 30 km NW of/Karasburg 2718DA/28. viii. 1983, J. Londt/& B. Stuckenberg Arid/Karroo type veget', 'PARATYPE ♀/Ammodaimon/acares sp.n./J.G.H. LONDT' – ♀ NHMUK014034881. Specimen donated by Londt to the NHM.

Ammodaimon platythrix Londt, 2010: 465. HT **Namibia** 'S. W. AFRICA (3)/ Noachabeb 27 mls./NNE. Grunau/10–12.i.1972', Southern/African Exp./B.M. 1972–1', 'Sporadothrix/gracilis Hermann/det.H.Oldroyd 1973', '**HOLOTYPE/** *Ammodaimon/platythrix* sp.n./Det JGH Londt 2009', 'BMNH(E) #948571' – ♂ NHMUK014034882 (Fig. 19), dissected male terminalia in vial. In his descrip-

Figure 18. Whole lateral image of *Hypenetes pylochrysites* paratype NHMUK014034991.

tion Londt provides further location details: "c.43Km" (the metric equivalent of 27 miles) and the latitude and longitude: "27°26'S:18°31'E".

Sisyrnodytes ausensis Londt, 2009: 146. HT & 6 PT **Namibia** HT 'Aus./Dec. 1929', 'S.W. Africa./R.E. Turner./Brit. Mus./1930-113', 'W', '**HOLOTYPE**/*Sisyrnodytes/ausensis sp.n.*/Det. JGH Londt', 'BMNH(E) #819147' – ♂ NHMUK014034870. Dissected terminalia preserved in vial. In his description Londt writes "The specimen is pinned laterally, double mounted on a strip of cellulose and had a little green verdigris (cleaned) above and below" and he also provides the latitude and longitude: "26°40'S:16°16'E"; 6 PT same as HT except '**PARATYPE**/*Sisyrnodytes/ausensis sp.n.*/Det. JGH Londt' and further with specimen numbers 'BMNH(E) #819150', 'BMNH(E) #819149', 'BMNH(E) #819148' – which has further label 'Sisyrnodytes ♀/brevis Macquart/det.H.Oldroyd.1957', 'BMNH(E) #819144', 'BMNH(E) #819143' & 'BMNH(E) #819142', respectively given new specimen numbers ♂ NHMUK014034871, ♀ NHMUK014034872, ♀ NHMUK014034873 (Fig. 20), ♀ NHMUK014034874, ♂ NHMUK014034875 & ♂ NHMUK014034876.*Sisyrnodytes dasykylon* Londt, 2009: 154. 2 PT **South Africa** 'S Africa: Cape #21/70km E of Laingsburg/33°06'S:21°35'E 500m/Date: 24.xi.1990/Whittington & Londt/Dry Dwyka River area', '**PARATYPE**/ *Sisyrnodytes/dasykylon* sp.n./Det. JGH Londt', 'BMNH(E) #819146' or 'BMNH(E) #819145' respectively – ♂ NHMUK014034878 & ♀ NHMUK014034877 (Fig. 21). Specimens donated by Londt to the NHM.

Figure 19. Whole lateral image of *Ammodaimon platythrix* holotype NHMUK014034882.

Figure 20. Whole lateral view of *Sisyrnodytes ausensis* Paratype, NHMUK014034873.

Figure 21. Whole lateral view of *Sisyrnodytes dasykylon* paratype NHMUK014034877.

Table 1. Type material from the individual subfamilies of Asilidae [subfamilies division according to Dikow (2009).

Subfamily	Holotype	Paratype	All type material
Stenopogoninae	12	121	133
Brachyrhopalinae	2	46	48
Asilinae	3	14	17
Laphriinae	6	38	44
Trigonomiminae	5	45	50
Dasypogoninae	3	13	16
Tillobromatinae	2	7	9
Willistonininae	2	9	11
Total	35	293	328

Discussion

All of the type material described by Londt has now been imaged and databased, and this can be accessed online through the NHM data portal. This comprised 35 holotypes and 293 paratypes, a total of 328 specimens from 103 species (6% of the total Afro-tropical fauna) (Table 1). Fifty type specimens were donated to the NHM collection by Londt. A further 18 non-types were added for completeness.

This work has also allowed the authors to correct the previous error of labelling that occurred for the holotype and one paratype of *Damalis neavei* and are in the

process of correcting an original depositing error of one of the paratypes of *Oligopogon napaios*, with NMSA, to reflect, and conform to, Londt's original descriptions.

This manuscript is testament to the level of expertise and dedication to furthering our taxonomic knowledge of Asilidae that Jason Londt has undertaken in his career to date. The collections at the NHM have benefited from both his description of specimens already held in the collection but also from the significant donation of both type and non-type material.

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References

Blagoderov V, Penn M, Sadka M, Hine A, Brooks S, Siebert D, Sleep C, Cafferty S, Cane E, Martin G, Toloni F, Wing P, Chainey J, Duffell L, Huxley R, Ledger S, McLaughlin C, Mazzetta G, Perera J, Crowther R, Douglas L, Durant J, Honey M, Huertas B, Howard T, Carter V, Albuquerque S, Paterson G, Kitching I (2017) iCollections methodology: Workflow, results and lessons learned. Biodiversity Data Journal 5: e19893. https://doi.org/10.3897/BDJ.5.e19893

Dikow T (2009) Phylogeny of Asilidae inferred from morphological characters of imagines (Insecta, Diptera, Brachycera, Asiloidea). Bulletin of the American Museum of Natural History 319: 1–175. https://doi.org/10.1206/603.1

Dikow T (2021) Asiloid Flies: deciphering their diversity and evolutionary history. https://asiloidflies.si.edu/ [Accessed 19/02/2023]

Londt JGH (1977) Afrotropical Asilidae (Diptera) 1. The genus *Choerades* Walker, 1851 and the descriptions of two new genera, *Nannolaphria* and *Notiolaphria*, from southern Africa and Malagasy Republic. Annals of the Natal Museum 23: 43–55. https://journals.co.za/doi/pdf/10.10520/AJA03040798_587

Londt JGH (1980) Afrotropical Asilidae (Diptera) 4. The genus *Pegesimallus* Loew, 1858 (= *Lagodias* Loew, 1858; *Neolaparus* Williston, 1889) including species from other zoogeographical regions and the descriptions of two new genera *Brevirostrum* and *Caroncoma*. Annals of the Natal Museum 24: 233–347. https://journals.co.za/doi/abs/10.10520/AJA03040798_563

Londt JGH (1981a) Afrotropical Asilidae (Diptera) 5. * The genus *Dasophrys* Loew, 1858 (= *Hobbyus* Bromley, 1952) (Asilinae: Asilini). Annals of the Natal Museum 24: 635–699. http://bionames.org/references/09b68bc2b171f603ed8186dbf0a4b1b2

Londt JGH (1981b) The genera *Habropogon* Loew and *Hermannomyia* Oldroyd in southern Africa (Diptera: Asilidae: Dasypogoninae). Journal of the Entomological Society of Southern Africa 44: 69–78.

Londt JGH (1982) Afrotropical Asilidae (Diptera) 6. The tribe Atomosiini (Laphriinae). Annals of the Natal Museum 25: 221–240. https://journals.co.za/doi/abs/10.10520/AJA03040798_516

Londt JGH (1985a) New species of *Daspletis*, *Oratostylum*, *Dasophrys* and *Hippomachus* (Diptera: Asilidae). Cimbebasia (A) 7: 67–76.

Londt JGH (1985b) Afrotropical Asilidae (Diptera) 10. The genus *Hypenetes* Loew, 1858 (Dasypogoninae). Annals of the Natal Museum 26: 377–405. https://journals.co.za/doi/pdf/10.10520/AJA03040798_467

Londt JGH (1985c) Afrotropical Asilidae (Diptera) 11. *Ammodaimon acares*, a new genus and species from southern Namibia (Stenopogoninae). Annals of the Natal Museum 26: 497–501. https://journals.co.za/doi/abs/10.10520/AJA03040798_461

Londt JGH (1986a) *Gibbasilus arenaceus*, a new genus and species from the Western Cape Province of South Africa (Diptera: Asilidae: Asilinae). Journal of the Entomological Society of Southern Africa 49: 1–6.

Londt JGH (1986b) Afrotropical Asilidae (Diptera) 13. The genus *Neolophonotus* Engel, 1925. Part 2. The suillus species groups (Asilinae: Asilini). Annals of the Natal Museum 27: 513–600. https://journals.co.za/doi/pdf/10.10520/AJA03040798_428

Londt JGH (1989) Afrotropical Asilidae (Diptera) 17. The genus *Damalis* Fabricius, 1805 in subsaharan Africa (Trigonomiminae). Annals of the Natal Museum 30: 53–145. https://journals.co.za/doi/pdf/10.10520/AJA03040798_363

Londt JGH (1992) Afrotropical Asilidae (Diptera) 22. The genus *Scylaticus* Loew, 1858 (Stenopogoninae). Annals of the Natal Museum 33: 95–187. https://journals.co.za/doi/pdf/10.10520/AJA03040798_304

Londt JGH (1993) Afrotropical Asilidae (Diptera) 23. The genera *Connomyia* Londt, 1992 and *Danomyia* gen.n. (Stenopogoninae). Annals of the Natal Museum 34: 103–151. https://journals.co.za/doi/pdf/10.10520/AJA03040798_254

Londt JGH (1994) Afrotropical Asilidae (Diptera) 25. A Key to the genera of the subfamily Stenopogoninae with new synonymy and descriptions of six new genera. Annals of the Natal Museum 35: 71–96. https://zenodo.org/record/154544#.Y-ol3XbP02w

Londt JGH (1997) Afrotropical Asilidae (Diptera) 29. A review of the genus *Saropogon* Loew, 1847 (Dasypogoninae). Annals of the Natal Museum 38: 137–157. https://journals.co.za/doi/pdf/10.10520/AJA03040798_167

Londt JGH (2004) A review of the afrotropical genus *Gonioscelis* Schiner, 1866 (Diptera: Asilidae), with description of new species. African Invertebrates 45: 21–124. https://journals.co.za/doi/pdf/10.10520/EJC84537

Londt JGH (2005) A review of afrotropical *Afroholopogon* Londt, 1994 with the description of a new genus and new species (Diptera: Asilidae: Stenopogoninae). African Invertebrates 46: 203–252. https://journals.co.za/doi/abs/10.10520/EJC84542

Londt JGH (2006a) A review of the Afrotropical species of *Nusa* Walker, 1851 (Diptera: Asilidae: Laphriinae). Tijdschrift voor Entomologie 149(1): 101–120. https://doi.org/10.1163/22119434-900000192

Londt JGH (2006b) A review of the Afrotropical genus *Rhabdogaster* Loew, 1858 with descriptions of new species (Diptera: Asilidae: Stenopogoninae). African Invertebrates 47: 243–313.

http://the-eis.com/elibrary/sites/default/files/downloads/literature/A%20review%20of%20the%20Afrotropical%20genus%20Rhabdogaster.pdf

Londt JGH (2007) A review of the genus *Hoplistomerus* Macquart, 1838 (Diptera: Asilidae: Laphriinae). African Invertebrates 48: 167–198. https://journals.co.za/doi/pdf/10.10520/EJC84604

Londt JGH (2008) A review of Afrotropical *Trichardis* Hermann, 1906, and the description of the first Oriental representative of the genus (Diptera: Asilidae: Laphriinae). African Invertebrates 49(2): 171–226. https://doi.org/10.5733/afin.049.0210

Londt JGH (2009) A review of Afrotropical *Sisyrnodytes* Loew, 1856 (Diptera: Asilidae: Stenopogoninae). African Invertebrates 50(1): 137–183. https://doi.org/10.5733/afin.050.0106

Londt JGH (2010) A review of Afrotropical *Acnephalum* Macquart, 1838, including the reinstatement of Sporadothrix Hermann, 1907 and descriptions of two new genera (Diptera: Asilidae: Stenopogoninae). African Invertebrates 51(2): 431–482. https://doi.org/10.5733/afin.051.0212

Londt JGH (2011) A review of Afrotropical *Ancylorhynchus* Berthold, 1827 (Diptera: Asilidae: Stenopogoninae). African Invertebrates 52(2): 471–556. https://doi.org/10.5733/afin.052.0214

Londt JGH (2014) A revision of Afrotropical *Oligopogon* Loew, 1847 (Diptera: Asilidae) with the description of eighteen new species. African Invertebrates 55(2): 269–322. https://journals.co.za/doi/pdf/10.10520/EJC161754

Londt JGH (2019) A revision of Afrotropical *Astochia* Becker, 1913 with descriptions of three new species (Diptera, Asilidae, Asilini). African Invertebrates 60(2): 215–237. https://doi.org/10.3897/AfrInvertebr.60.38432

Londt JGH, Dikow T (2018) A review of the assassin-fly genus *Laphyctis* Loew, 1858 with descriptions of two new species (Diptera, Asilidae, Laphriinae). African Invertebrates 59(1): 75–106. https://doi.org/10.3897/afrinvertebr.59.25022

Londt JGH, Tsacas L (1987) The genus *Congomochtherus* Oldroyd, 1970 (Diptera, Asilidae, Asilinae). Annales de la Société Entomologique de France 23: 29–42.

Pape T, Blagoderov V, Mostovski MB (2011) Order Diptera Linnaeus, 1758. In: Zhang Z-Q (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. Zootaxa 3148: 222–229. https://doi.org/10.11646/zootaxa.3148.1.42

Ricardo G (1903) Insecta: Diptera. In: Forbes HO (Ed.) The natural history of Sokotra and Abd-el-Kuri, etc. Bulletin of the Liverpool Museum (Special): 357–378.